

Standards Challenge Applications (October 2025)

| ID             | Date Received | Standard Challenged                                                                           | Primary Standards Steering Group      | Subject                                                                                                                                      | Simplified Summary of Challenge                                                                                                                                                                 | Current Process Stage |
|----------------|---------------|-----------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| STDCHAL-000001 | 07/12/2017    | NR/L3/CIV/040.<br>NR/L3/CIV/030<br>NR/L3/CIV003 - F1990                                       | Buildings & Civils                    | Modular Steel Platforms                                                                                                                      | Clarification concerning the current prescribed design life of platforms and minimum steel galvanising levels.                                                                                  | Accepted              |
| STDCHAL-000002 | 13/11/2017    | O.E.E 156                                                                                     | Electrical                            | OLE Mast Design                                                                                                                              | Potential for simplification of fabricated overhead line masts.                                                                                                                                 | Accepted              |
| STDCHAL-000003 | 10/04/2018    | NR/L2/OHS/044                                                                                 | Quality, Health, Safety & Environment | Planning & Managing Construction Work                                                                                                        | Potential for contractor's Construction Phase Plans to be referenced to the Network Rail template sections.                                                                                     | Not Proceed           |
| STDCHAL-000004 | 17/04/2018    | NR/L3/TRK/2049/MOD07                                                                          | Track                                 | Track Design Handbook Module 07 Gauging                                                                                                      | Several sections of the Track Design Handbook reference requirements for other disciplines. Potential for simplification.                                                                       | Not Proceed           |
| STDCHAL-000005 | 17/04/2018    | NR/L3/TRK/2049MOD05                                                                           | Track                                 | Track Design Handbook System Interfaces - Electrical Clearances                                                                              |                                                                                                                                                                                                 | Not Proceed           |
| STDCHAL-000006 | 12/04/2018    | NR/L3/TRK/2049MOD05                                                                           | Track                                 | Track Design Handbook System Interfaces - Conductor Rail                                                                                     |                                                                                                                                                                                                 | Not Proceed           |
| STDCHAL-000007 | 12/04/2018    | NR/L3/TRK/2049MOD05                                                                           | Track                                 | Track Design Handbook System Interfaces - Platforms                                                                                          |                                                                                                                                                                                                 | Not Proceed           |
| STDCHAL-000008 | 12/04/2018    | NR/L3/TRK/2049MOD05                                                                           | Track                                 | Track Design Handbook System Interfaces - Level Crossings                                                                                    |                                                                                                                                                                                                 | Not Proceed           |
| STDCHAL-000009 | 13/04/2018    | NR/SP/OHS/069<br>Non-Compliance – Tracker No 3115<br>NR/CIV/SD/370                            | Buildings & Civils                    | Lineside Access Steps                                                                                                                        | Design requirements for lineside access steps.                                                                                                                                                  | Accepted              |
| STDCHAL-000010 | 13/04/2018    | NR/L2/RSE/100/Guide                                                                           | Network Rail Assurance Panel          | NR/L2/RSE/100/Guide                                                                                                                          | Request for document to be withdrawn as it is out of date.                                                                                                                                      | Accepted              |
| STDCHAL-000011 | 17/04/2018    | NR/L3/INI/P3M/126/01                                                                          | Projects                              | Requirements Framework                                                                                                                       | Clarification concerning who is accountable for the RRD.                                                                                                                                        | Accepted              |
| STDCHAL-000012 | 16/04/2018    | GE/RT8000/HB16, NR/SP/OHS/069                                                                 | Electrical                            | RT3170, ORR Electrical Clearances Policy Statement – Oct 2016, NR (HS) Asset Protection Development Handbook, GL/RT1210, BS EN 50122-1: 2011 | Providing improved clarity in relation to electrical clearance distances.                                                                                                                       | Not Proceed           |
| STDCHAL-000013 | 13/04/2018    | NR/SP/OHS/069                                                                                 | Quality, Health, Safety & Environment | Positions of Safety                                                                                                                          | Providing improved clarity in relation to positions of safety.                                                                                                                                  | Accepted              |
| STDCHAL-000014 | 20/04/2018    | NR/L3/TRK/2049                                                                                | Track                                 | Depot Track Standards                                                                                                                        | TREAT AS CONFIDENTIAL                                                                                                                                                                           | Accepted              |
| STDCHAL-000015 | 08/06/2018    | NR/L2/ELP/27325                                                                               | Electrical                            | Train borne monitoring of traction power contact systems.                                                                                    | Clarification in relation to a number of requirements in relation to train borne monitoring of traction power contact systems.                                                                  | Accepted              |
| STDCHAL-000016 | 19/06/2018    | NR/L2/TRK/0133                                                                                | Track                                 | Wheel Impact Load Detection                                                                                                                  | Controls applied to trains following measurement of forces at Wheel Impact Load Detection (WILD) sites.                                                                                         | Accepted              |
| STDCHAL-000017 | 22/06/2018    | NR/L3/ENV/305<br>NAT/TW/InfraInv/ENG/EP6248683                                                | Quality, Health, Safety & Environment | DNO test points                                                                                                                              | Providing test points for DNO supply cubicles.                                                                                                                                                  | Accepted              |
| STDCHAL-000018 | 26/06/2018    | NAT/REP/MP1/ENG/EP3736860                                                                     | Electrical                            | Points Heating Equipment                                                                                                                     | Using lower power points heating strips nearer the switch toe.                                                                                                                                  | Not Proceed           |
| STDCHAL-000019 | 04/07/2018    | NR/L3/TRK/0030                                                                                | Track                                 | Line Speed following drainage works                                                                                                          | Proposal for a more cost-effective regime for track stabilisation following installation of drainage.                                                                                           | Accepted as Variation |
| STDCHAL-000020 | 04/07/2018    | Various                                                                                       | Track                                 | Track Affected Zone                                                                                                                          | Proposal to change the influence angle for the track affected zone.                                                                                                                             | Not Proceed           |
| STDCHAL-000021 | 05/07/2018    | NR/L3/TRK/2049                                                                                | Track                                 | Buffer Locking                                                                                                                               | Update to calculations to include vehicles without buffers, autocoupler limits and lateral movement of through-corridor trains.                                                                 | Accepted              |
| STDCHAL-000022 | 06/07/2018    | NR/L2/CIV/177                                                                                 | Buildings & Civils                    | Monitoring track during building works                                                                                                       | Improving clarity of requirements for monitoring of track in various situations.                                                                                                                | Accepted              |
| STDCHAL-000023 | 11/07/2018    | NR/TRK/6100/Mod3                                                                              | Track                                 | Stretcher Bar settings                                                                                                                       | Improving clarity of installation and maintenance instructions for new stretcher bars at switches and crossings.                                                                                | Accepted              |
| STDCHAL-000024 | 13/07/2018    | NR/L2/SIGELP/27418                                                                            | Signalling<br>Electrical Power        | Earth electrode/mat connections                                                                                                              | Clarification of requirements for connecting earth electrode/mats.                                                                                                                              | Accepted as Variation |
| STDCHAL-000025 | 26/07/2018    | NR/L3/CIV/020                                                                                 | Buildings & Civils                    | Bridge Strengthening                                                                                                                         | Minimum train live loading values applied to bridge strengthening schemes.                                                                                                                      | Accepted as Variation |
| STDCHAL-000026 | 07/08/2018    | NR/L2/RSE/0005                                                                                | Network Rail Assurance Panel          | Non-application of Design for Reliability standard to signalling fibre interface                                                             | Potential for non-application of requirements for certain commercial off-the-shelf components                                                                                                   | Accepted              |
| STDCHAL-000027 | 09/08/2018    | NR/2/INI/02009/01                                                                             | Projects                              | Clarity around Authority to Work roles.                                                                                                      | Clarification concerning authority of certain roles.                                                                                                                                            | Not Proceed           |
| STDCHAL-000028 | 06/09/2018    | NR/L2/ELP/27311                                                                               | Electrical                            | Engineering Assurance Requirements                                                                                                           | NR/L2/INI/CP0069 listed in the references but document has been withdrawn. Change PRS to RRD/DRRD.                                                                                              | Accepted              |
| STDCHAL-000029 | 09/10/2018    | NR/L2/CIV/072                                                                                 | Buildings & Civils                    | Wind Loading on OLE structures                                                                                                               | Alignment of wind loading equations to BS EN 50119.                                                                                                                                             | Accepted              |
| STDCHAL-000030 | 09/10/2018    | NAT/REP/MP1/ENG/EP3736860                                                                     | Electrical                            | Points Heating Equipment                                                                                                                     | Proposed changes to the arrangement drawings for electric points heating equipment.                                                                                                             | Accepted              |
| STDCHAL-000031 | 31/10/2018    | NR/L2/ELP/40045<br>NR standard drawing NR/EP/SD/439                                           | Electrical                            | Points Heating Equipment                                                                                                                     | Transformer terminal arrangements for supplying point strip heaters.                                                                                                                            | Accepted              |
| STDCHAL-000032 | 12/11/2018    | RIS-7016-INS                                                                                  | Buildings & Civils                    | Platform Crossfall                                                                                                                           | Ability to construct platforms that achieve the specified crossfall gradient limits.                                                                                                            | Not Proceed           |
| STDCHAL-000033 | 21/01/2019    | NR/L3/INI/P3M/131/02                                                                          | Projects                              | Document Revision Strategy                                                                                                                   | Difference between the revision strategy specified in the standard and the way ProjectWise is configured.                                                                                       | Accepted              |
| STDCHAL-000034 | 30/01/2019    | NR/PS/ELP/00008<br>NR/SP/ELP/21014                                                            | Electrical                            | Cable Testing Voltages                                                                                                                       | Clarification regarding specified testing voltages for single core cable used on 25 kV a.c. systems.                                                                                            | Accepted              |
| STDCHAL-000035 | 15/02/2019    | NR/L3/SIG/10064                                                                               | Signalling                            | Document Format                                                                                                                              | Readability of text in subject index.                                                                                                                                                           | Accepted              |
| STDCHAL-000036 | 21/02/2019    | NR/L2/CIV/044                                                                                 | Buildings & Civils                    | Boreholes                                                                                                                                    | Use of a single borehole to confirm ground conditions for under-track crossing (UTX).                                                                                                           | Accepted as Variation |
| STDCHAL-000037 | 21/02/2019    | NR/L2/CTM/025<br>Network Rail Training Toolkit Machine Operator – Highway Permissible Vehicle | Plant                                 | Driving Licence requirements                                                                                                                 | The standard does not relate to the requirements in the training toolbox Delegates section 6.                                                                                                   | Not Proceed           |
| STDCHAL-000038 | 29/03/2019    | NR/L2/CIV/005                                                                                 | Buildings & Civils                    | Operational Property Drainage                                                                                                                | Standard currently does not include operational property drainage systems.                                                                                                                      | Not Proceed           |
| STDCHAL-000039 | 01/04/2019    | NR/L2/CIV/044                                                                                 | Buildings & Civils                    | Undertrack Crossings                                                                                                                         | Minimum depths could use a risk-based approach and rational could be provided as to the reason for the requirement for minimum depths.                                                          | Accepted              |
| STDCHAL-000040 | 01/04/2019    | NR/L2/CIV/177                                                                                 | Buildings & Civils                    | Monitoring track during building works                                                                                                       | Duration of monitoring baseline and adopting a risk-based approach.                                                                                                                             | Accepted              |
| STDCHAL-000041 | 02/04/2019    | NR/L3/CIV/030                                                                                 | Buildings & Architecture              | Platform Copings                                                                                                                             | Safe manual handling / lifting of coping stones, and loading requirements.                                                                                                                      | Accepted              |
| STDCHAL-000042 | 16/04/2019    | NR/L2/OHS/0044                                                                                | Quality, Health, Safety & Environment | Task Briefing Sheets                                                                                                                         | Format of Task Briefing Sheet.                                                                                                                                                                  | Not Proceed           |
| STDCHAL-000043 | 25/04/2019    | NR-L2-TRK-2102 Issue 8<br>NR-L2-TRK-4239 Issue 1                                              | Track                                 | Handback linespeed following track replacement                                                                                               | Handing back the track at line speed following infrastructure works to replace the track.                                                                                                       | Not Proceed           |
| STDCHAL-000044 | 25/04/2019    | NR/GN/CIV/025                                                                                 | Buildings & Civils                    | Bridge Filler Beams                                                                                                                          | Allowance for longitudinal shear resistance offered by metal components protruding into concrete.                                                                                               | Accepted              |
| STDCHAL-000045 | 25/04/2019    | NR/SP/ELP/21041                                                                               | Electrical                            | Battery Specification Requirements                                                                                                           | Alternative approach to performance calculation of battery life with photovoltaic system.                                                                                                       | Not Proceed           |
| STDCHAL-000046 | 25/04/2019    | NR/L2/CIV/044                                                                                 | Buildings & Civils                    | Undertrack Crossings                                                                                                                         | Proposed performance specification instead of minimum depth of cover.                                                                                                                           | Not Proceed           |
| STDCHAL-000047 | 25/04/2019    | NR/L2/ELP/40068                                                                               | Electrical                            | Alternative Back-up Power Supplies                                                                                                           | Include Uninterruptible Power Supplies (UPS) & Battery back-up supplies to signalling Principal Supply Points and Relocatable Equipment Buildings.                                              | Not Proceed           |
| STDCHAL-000048 | 25/04/2019    | NR/CS/CIV/044                                                                                 | Buildings & Civils                    | Functionality in Design                                                                                                                      | Integrated design approach using Functionality in Design.                                                                                                                                       | Accepted              |
| STDCHAL-000049 | 25/04/2019    | NR/L3/CIV/071                                                                                 | Geotechnical                          | Design Methodology of Geotechnical Structures                                                                                                | Alternative design and calculation methods for geotechnical structures.                                                                                                                         | Accepted              |
| STDCHAL-000050 | 10/04/2019    | NR/CIV/SD/3020 – 34                                                                           | Buildings & Civils                    | Recess beneath Platform Edge                                                                                                                 | Standard design dimensions do provide a TSI compliant recess.                                                                                                                                   | Accepted              |
| STDCHAL-000051 | 29/04/2019    | NR/L3/SIGELP/50002                                                                            | Signalling<br>Electrical Power        | Working on or near Signalling Power Distribution equipment                                                                                   | Type of equipment covered by the 'test before touch' procedure.                                                                                                                                 | Not Proceed           |
| STDCHAL-000052 | 29/04/2019    | NAT/REP/MP1/ENG/EP3736860                                                                     | Electrical                            | Points Heating Equipment                                                                                                                     | Securing of Point Heating Strips                                                                                                                                                                | Accepted              |
| STDCHAL-000053 | 22/05/2019    | NR/L3/CIV/020 Issue 1<br>NR/CIV/TUM/400 Rev E                                                 | Buildings & Civils                    | Requirements for Footbridges                                                                                                                 | Inconsistencies between NR/L3/CIV/020, the standard footbridge design described in NR/CIV/TUM/400 and associated drawings, and DFT standard 'Design Standards for Accessible Railway Stations'. | Accepted              |
| STDCHAL-000054 | 03/06/2019    | NR/L3/CIV/140/150C                                                                            | Buildings & Civils                    | Requirements for Clay Bricks                                                                                                                 | BS 3921 has been withdrawn hence brick is no longer certified to this standard                                                                                                                  | Accepted              |
| STDCHAL-000055 | 04/06/2019    | NR -GN-CIV-163                                                                                | Buildings & Civils                    | Water Supply (Water Fittings) Regulations                                                                                                    | Duties required by the Water Supply (Water Fittings) Regulations 1999.                                                                                                                          | Not Proceed           |
| STDCHAL-000056 | 04/06/2019    | NR/L2/TRK/2500                                                                                | Track                                 | Engineering Assurance Requirements                                                                                                           | Engineering Assurance Arrangements for Track Engineering Projects outputs                                                                                                                       | Accepted              |
| STDCHAL-000057 | 07/06/2019    | NR/L2/ELP/21131                                                                               | Electrical                            | Warning sign dimensions for substations                                                                                                      | Warning sign dimensions for substations                                                                                                                                                         | Accepted              |
| STDCHAL-000058 | 11/06/2019    | NR/SP/ELP/21051<br>NR/GN/ELP/27006                                                            | Electrical                            | DC circuit breaker protection settings                                                                                                       | Improved guidance for calculation of protection settings for DC circuit breakers                                                                                                                | Not Proceed           |
| STDCHAL-000059 | 13/05/2019    | NR/L2/INF/02202                                                                               | Information Management                | H&S File Memorandum of Agreement and Deliverable Document Matrix                                                                             | Combine two forms into one.                                                                                                                                                                     | Accepted              |
| STDCHAL-000060 | 13/05/2019    | NR/L2/INI/02009                                                                               | Projects                              | CRE Competence Requirements                                                                                                                  | CRE competence requirements for off-site fabrication / quality assurance.                                                                                                                       | Not Proceed           |
| STDCHAL-000061 | 13/05/2019    | NR/L3/CIV/151/F010                                                                            | Buildings & Civils                    | Requirements for doweling platform coping stones                                                                                             | Clarity on the requirements for doweling coping stones and provision of method for protecting worker from falls from height / moving trains whilst working on platforms.                        | Accepted              |
| STDCHAL-000062 | 01/05/2019    | NR/L3/INI/CP0063<br>NR/L2/CIV/003                                                             | Buildings & Civils                    | Design check categories for platform piling                                                                                                  | Clarification on category of design checks for platform piling.                                                                                                                                 | Accepted              |
| STDCHAL-000063 | 17/06/2019    | NR/L3/CIV/140/52C<br>NR/CIV/SD/280                                                            | Buildings & Civils                    | Use of centralisers when soil nailing                                                                                                        | Proposal to not use centralisers when using self-drilling soil nails.                                                                                                                           | Not Proceed           |

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|----------------|---------------|---------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| STDCHAL-000064 | 15/07/2019    | NR/L2/ELP/27715                                                           | Electrical                            | Track construction tolerances                                    | Track construction tolerances to provide electrical clearances.                                                                                                                                  | Accepted              |
| STDCHAL-000065 | 05/07/2019    | NR/SP/ELP/27224                                                           | Electrical                            | Installation of cable routes                                     | Specification for installation of cable routes forming part of the traction distribution system                                                                                                  | Accepted              |
| STDCHAL-000066 | 22/08/2019    | NR/L2/TRK/2102                                                            | Track                                 | Minimum Rail Length (IBJ)                                        | Minimum rail lengths for insulated block joints                                                                                                                                                  | Accepted              |
| STDCHAL-000067 | 22/08/2019    | NR/L2/OPS/033                                                             | Operations                            | Recording Spoken Safety Critical Communication                   | Recording Spoken Safety Critical Communications between Possession Management and Engineering Trains/On-Track Plant Drivers when Working in Possessions and Worksites                            | Not Proceed           |
| STDCHAL-000068 | 27/08/2019    | NR/L2/TRK/001/mod14                                                       | Track                                 | Stress Free Temperature Values                                   | Stress Free Temperature Value Hierarchy following Project Works                                                                                                                                  | Accepted              |
| STDCHAL-000069 | 09/09/2019    | NR-L3-TRK-003<br>TEF3069                                                  | Track                                 | TEF3069 Pesticide Application Record                             | Change to title TEF form to include the word herbicide instead of or alongside pesticide                                                                                                         | Not Proceed           |
| STDCHAL-000070 | 12/09/2019    | NR/L3/TRK/003                                                             | Track                                 | Index of Track Engineering Forms (TEFs)                          | Index needs to be updated to accurately reflect the current issues of TEFs                                                                                                                       | Accepted              |
| STDCHAL-000071 | 12/09/2019    | NR/L2/TRK/001/MOD14                                                       | Track                                 | Stress Free Temperature Values                                   | Review the current Stress Free Temperature values to manage risks associated with disturbance/works in adjacent to track and in the shoulder area only.                                          | Accepted              |
| STDCHAL-000072 | 26/09/2019    | NR/L2/TRK/2102                                                            | Track                                 | Ballast Ramps                                                    | Alternative arrangements to installing ballast ramps                                                                                                                                             | Not Proceed           |
| STDCHAL-000073 | 25/09/2019    | N2/L2/CIV/003/F002                                                        | Buildings & Civils                    | Approval in Principle                                            | Include requirement for designer to confirm design complies with the Approval In Principle document                                                                                              | Accepted              |
| STDCHAL-000074 | 24/09/2019    | NR/L2/CIV/072                                                             | Buildings & Civils                    | Wind Loading of OLE and Structures                               | Correction to cross-reference                                                                                                                                                                    | Accepted              |
| STDCHAL-000075 | 07/10/2019    | NR/SP/ELP/27242                                                           | Electrical                            | Cable Protection                                                 | Clarification on the level of mechanical protection required to be provided to Class II distribution cables.                                                                                     | Not Proceed           |
| STDCHAL-000076 | 11/10/2019    | NR/L2/TRK/2102                                                            | Track                                 | Minimum rail length                                              | Minimum rail length required for permanent situation                                                                                                                                             | Accepted              |
| STDCHAL-000077 | 14/10/2019    | NR/L2/CIV/005                                                             | Buildings & Civils                    | Drainage plans                                                   | Risk-based approach to runoff from common surfaces found within the Network Rail estate                                                                                                          | Not Proceed           |
| STDCHAL-000078 | 15/10/2019    | NR/GN/CIV/002<br>NR/L3/CIV/040<br>NR/L3/CIV/039                           | Buildings & Civils                    | Use of fluoropolymer paint technology                            | To facilitate the use of fluoropolymer paint technology thereby enabling paint systems with design lives of up to sixty years                                                                    | Accepted              |
| STDCHAL-000079 | 23/10/2019    | NR/L3/CIV/151/F010                                                        | Buildings & Civils                    | Standard designs for DNO supply points and ballast boards        | Provision of standard designs for DNO supply points and ballast boards                                                                                                                           | Accepted              |
| STDCHAL-000080 | 04/11/2019    | NR/CIV/SD/201                                                             | Buildings & Civils                    | Gabion fill material                                             | Amend gabion fill material specification and gabion basket mesh size to allow track ballast to be used as gabion fill material                                                                   | Accepted              |
| STDCHAL-000081 | 04/11/2019    | NR/L2/INI/02009/02                                                        | Projects                              | Competence quads for key resources                               | Create a central database of approved CEM and CRE resources                                                                                                                                      | Not Proceed           |
| STDCHAL-000082 | 04/11/2019    | NR/L3/CIV/020                                                             | Buildings & Civils                    | Design criteria for replacement of structural parts and elements | Alternate design criteria to replacement of structural parts and elements                                                                                                                        | Accepted              |
| STDCHAL-000083 | 08/11/2019    | NR-L2-TRK-9020                                                            | Track                                 | Structural Expansion Joints                                      | Correction to figure showing which rails are free and fixed                                                                                                                                      | Accepted              |
| STDCHAL-000084 | 12/11/2019    | NR/L3/CIV/140/172C                                                        | Buildings & Civils                    | Bolt Protective Coating                                          | Requirement for protective coating required for cast in holding down bolts.                                                                                                                      | Accepted              |
| STDCHAL-000085 | 20/11/2019    | NR/L3/MTC/089                                                             | Maintenance                           | Asset Management Plan optimisation                               | Optimisation of the Asset Management Plan (AMP) enabling projects to be delivered more efficiently                                                                                               | Accepted              |
| STDCHAL-000086 | 20/11/2019    | NR/L2/CIV/003                                                             | Buildings & Civils                    | Form 2/3 Completion                                              | Requirement to complete Form 2/3 for certain category works                                                                                                                                      | Not Proceed           |
| STDCHAL-000087 | 11/11/2019    | NR/L2/RSE/100/05                                                          | Network Rail Assurance Panel          | Product Acceptance requirements                                  | Suggested changes to Product Acceptance requirements                                                                                                                                             | Accepted              |
| STDCHAL-000088 | 27/11/2019    | NR/SP/ELP/21085                                                           | Electrical                            | Touch Voltages                                                   | Alignment of permissible touch voltages with 2017 version of BS EN 50122-1                                                                                                                       | Accepted              |
| STDCHAL-000089 | 02/12/2019    | NR/L2/CIV/072<br>NR/L2/CIV/073                                            | Buildings & Civils                    | Design of OLE structures                                         | Loading criteria for new OLE structures                                                                                                                                                          | Not Proceed           |
| STDCHAL-000090 | 02/12/2019    | NR/L3/CIV/039                                                             | Buildings & Civils                    | Life of coatings                                                 | Life of coatings on surfaces prepared to St3 manually or by power tools                                                                                                                          | Accepted              |
| STDCHAL-000091 | 19/12/2019    | NR/L2/TRK/3100                                                            | Track                                 | Accuracy of track survey system                                  | Accuracy of RILA track survey measurement method                                                                                                                                                 | Accepted              |
| STDCHAL-000092 | 17/01/2020    | NR/SP/OHS/069                                                             | Quality, Health, Safety & Environment | Access Paths and Cess Walkways                                   | Construction requirements for walkways and also clarity around requirements for provision.                                                                                                       | Accepted              |
| STDCHAL-000093 | 17/01/2020    | NR/L3/CIV/030                                                             | Buildings & Architecture              | Platform Coping Stone Dimensions                                 | Dimensions of coper stones for platforms.                                                                                                                                                        | Accepted              |
| STDCHAL-000094 | 21/01/2020    | NR/PS/ELP/00008                                                           | Electrical                            | Cable Specifications                                             | Some of the specified British Standards are no longer applicable or valid.                                                                                                                       | Accepted              |
| STDCHAL-000095 | 05/02/2020    | NR/SP/ELP/21032                                                           | Electrical                            | d.c. earthing arrangements                                       | Requirements for earthing arrangements.                                                                                                                                                          | Accepted              |
| STDCHAL-000096 | 10/02/2020    | NR/L2/TRK/3203                                                            | Track                                 | Platform Gauge Recording                                         | Measurement equipment and methods for platform gauge recording.                                                                                                                                  | Accepted              |
| STDCHAL-000097 | 17/02/2020    | NR/L3/ELP/27250                                                           | Electrical                            | Conductor Rail Drawings                                          | Further information needed for requirements relating to conductor rail provision.                                                                                                                | Accepted              |
| STDCHAL-000098 | 19/02/2020    | NR/L3/CIV/040                                                             | Buildings & Civils                    | Requirements for galvanising                                     | Thickness of galvanising.                                                                                                                                                                        | Not Proceed           |
| STDCHAL-000099 | 21/02/2020    | NR/L3/CIV/140<br>NR/L3/CIV/039<br>NR/L3/CIV/040<br>NR-GN-CIV-002          | Buildings & Civils                    | Protective Coating Requirements                                  | Recommended review of documents to reduce complexity and cost for protective coating works.                                                                                                      | Accepted              |
| STDCHAL-000100 | 25/02/2020    | NR/L2/ELP/27212<br>NR/L2/ELP/21088/02                                     | Electrical                            | OLE Stagger Reduction Values                                     | Clarification of requirements for MK1 OLE equipment stagger reduction.                                                                                                                           | Accepted              |
| STDCHAL-000101 | 06/03/2020    | NR/L2/TRK/0032                                                            | Track                                 | Rail Grinding for Welding                                        | Rail grinding requirements for joining rails by aluminothermic welding                                                                                                                           | Not Proceed           |
| STDCHAL-000102 | 14/03/2020    | NR/L2/RMVP/0200/P508                                                      | Plant                                 | Personal Voltage Detectors                                       | Mandating the use of personnel voltage detectors when working in OLE areas in MEWPs to prevent inadvertent contact with live electrical conductors                                               | Not Proceed           |
| STDCHAL-000103 | 16/03/2020    | NR/CIV/SD/440<br>NR/CIV/SD/441<br>NR/CIV/SD/442<br>NR/CIV/SD/443          | Buildings & Civils                    | Footbridge Ramps                                                 | Inconsistency with requirements for gradients of footbridge ramps                                                                                                                                | Accepted              |
| STDCHAL-000104 | 19/03/2020    | NR/L2/INI/EDT/CP0091                                                      | Projects                              | Building Information Modelling                                   | Requirements for colours used in Building Information Modelling                                                                                                                                  | Not Proceed           |
| STDCHAL-000105 | 25/03/2020    | NR/L3/CIV/151/F010<br>NR/CIV/SD/3010, NR/CIV/SD/3012                      | Buildings & Civils                    | Asphalt and Yellow Lines for Platforms                           | Detailed requirements relating to materials used                                                                                                                                                 | Accepted              |
| STDCHAL-000106 | 27/03/2020    | NR/PS/SIG/11763                                                           | Signalling                            | Reed Track Circuits                                              | Requirements relating to cable lengths and loop impedance                                                                                                                                        | Accepted              |
| STDCHAL-000107 | 15/04/2020    | NR/L2/CIV/177                                                             | Buildings & Civils                    | Monitoring track during building works                           | Action limits for measurement of twist                                                                                                                                                           | Not Proceed           |
| STDCHAL-000108 | 05/05/2020    | NR/L2/OTK/5100                                                            | Off Track                             | Boundary Measures Manual                                         | Incomplete standard issues and previous version withdrawn.                                                                                                                                       | Accepted              |
| STDCHAL-000109 | 13/05/2020    | NR/L3/MTC/CP009                                                           | Maintenance                           | Travel arrangements during COVID-19 pandemic                     | Requirements for travelling in vans (COVID-19)                                                                                                                                                   | Not Proceed           |
| STDCHAL-000110 | 01/06/2020    | NAT/REP/MP/ENG/EP3736860<br>NR/EP/SD/4005, NR/EP/SD/4006<br>NR/EP/SD/4007 | Electrical                            | Points Heating Equipment                                         | New combination of Point Operating Equipment and rail type has been introduced                                                                                                                   | Accepted              |
| STDCHAL-000111 | 04/06/2020    | NR/L3/CIV/140/52C                                                         | Buildings & Civils                    | Use of furnace bottom ash                                        | Amend the standard to reflect the guidelines in the Environment Agency Regulatory Position Statement 172 "The regulation of the use of unbound pulverised fuel ash and furnace bottom ash"       | Not Proceed           |
| STDCHAL-000112 | 04/06/2020    | NR/L3/CIV/020                                                             | Buildings & Civils                    | Number of footbridge risers                                      | Discrepancy between NR/L3/CIV/020 and BD29/04 (6.6) and the code of practice, regarding accessible train station design for disabled people for the number of risers and goings for a footbridge | Accepted              |
| STDCHAL-000113 | 04/06/2020    | NR/L3/CIV/020                                                             | Buildings & Civils                    | Bridge collision loading                                         | Use and adapt/adopt UIC777-2R within Network Rail standards to provide a more cost efficient design for railway collision loading                                                                | Not Proceed           |
| STDCHAL-000114 | 11/06/2020    | NR/L2/ELP/21085                                                           | Electrical                            | Along-track screening conductors                                 | The statement "Along-track screening conductors are not required for signalling power cables" is misleading                                                                                      | Not Proceed           |
| STDCHAL-000115 | 15/06/2020    | NR/L2/ELP/21085                                                           | Electrical                            | Short circuit rating of conductors                               | Dimensioning of conductors for short-circuit rating using the adiabatic method for different fault levels                                                                                        | Not Proceed           |
| STDCHAL-000116 | 22/06/2020    | NR/L2/ELP/21085                                                           | Electrical                            | Current contact zone parameter                                   | Proposals for the current contact zone parameter in relation to the highest point of the overhead contact line                                                                                   | Not Proceed           |
| STDCHAL-000117 | 23/06/2020    | NR/L2/ELP/21085                                                           | Electrical                            | Aerial earth wire termination bonds                              | Clarify the number of aerial earth wire termination bonds                                                                                                                                        | Accepted              |
| STDCHAL-000118 | 01/07/2020    | NR/L2/CIV/074                                                             | Buildings & Civils                    | Overhead line foundation loads                                   | Removal of the 'minimum load' table for the design and Installation of overhead line foundations.                                                                                                | Accepted              |
| STDCHAL-000119 | 14/07/2020    | NR/L3/ELP/27218                                                           | Electrical                            | Symbol Library                                                   | The symbol library is not up to date.                                                                                                                                                            | Accepted              |
| STDCHAL-000120 | 14/07/2020    | NR/L2/ELP/21120<br>NR-L2-INI-EDT-CP0091<br>NR-SP-ELP-27300                | Electrical                            | Record Information                                               | Standards need to be updated to reflect current working practices and procedures and/or standard working practices need to be made to comply with these procedures.                              | Accepted              |
| STDCHAL-000121 | 16/07/2020    | NR/L2/SIG/11201                                                           | Signalling                            | Tag Files for SSI records                                        | Provision of 'Tag Files etc for SSI' was no longer required by NB26.                                                                                                                             | Accepted              |
| STDCHAL-000122 | 06/08/2020    | NR/L2/CIV/193                                                             | Buildings & Architecture              | Lift Commissioning                                               | Further clarity required on the requirements for lift commissioning and acceptance.                                                                                                              | Not Proceed           |
| STDCHAL-000123 | 09/09/2020    | NR/L2/CIV/003                                                             | Buildings & Civils                    | Asset Status Reports                                             | Provision of Asset Status Reports by the RAM team to ensure the designers are aware of issues with assets which interface with the proposed works to prevent work in later GRIP stages.          | Accepted              |
| STDCHAL-000124 | 16/09/2020    | NR/L1/OHS/051<br>NR/L2/OHS/0120                                           | Quality, Health, Safety & Environment | Drugs and Alcohol Policy                                         | Clarification as to whether randon testing applies to PTS card holders or all Sentinel card holders.                                                                                             | Accepted              |
| STDCHAL-000125 | 16/09/2020    | NR/L2/SCO/302                                                             | Supply Chain Operations               | Supplier Qualification & Audit                                   | Challenge to requirement for the supplier to be able to demonstrate the requirements of the standard without a consultant present at the audit                                                   | Not Proceed           |
| STDCHAL-000126 | 24/09/2020    | NR/L2/RMVP/0200 Module P503                                               | Plant                                 | Lifting Operations                                               | Potential to use existing construction competencies for for lifting operations such as Crane Supervisor and Slinger Signaller.                                                                   | Not Proceed           |
| STDCHAL-000127 | 12/10/2020    | NR/L3/INI/P3M/131/01                                                      | Projects                              | Project Information Management                                   | Standard does not enable application of modern/best practice.                                                                                                                                    | Accepted              |

| ID             | Date Received | Standard Challenged                                    | Primary Standards Steering Group      | Subject                                                                                                                                                                                               | Simplified Summary of Challenge                                                                                                                                                                                                                                                                                                   | Current Process Stage |
|----------------|---------------|--------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| STDCHAL-000128 | 12/10/2020    | NR/L3/INI/P3M/131/02                                   | Projects                              | Document Referencing                                                                                                                                                                                  | Standard does not enable application of modern/best practice.                                                                                                                                                                                                                                                                     | Accepted              |
| STDCHAL-000129 | 11/11/2020    | NR/L2/OHS/050                                          | Quality, Health, Safety & Environment | Sentinel Scheme Rules                                                                                                                                                                                 | Content is out-of-date and needs revision to reflect current practice.                                                                                                                                                                                                                                                            | Not Proceed           |
| STDCHAL-000130 | 17/11/2020    | NR/L3/CIV/039                                          | Buildings & Civils                    | Paint Specification                                                                                                                                                                                   | Clarify if Paint N18 should be specified for external steelwork.                                                                                                                                                                                                                                                                  | Accepted              |
| STDCHAL-000131 | 19/11/2020    | NR/L3/SIG/MG0110<br>NR/L3/SIG/SG0111<br>NR/L3/TRK/7006 | Signalling                            | Production of TSR and ESR designs                                                                                                                                                                     | There is no defined standard for the production of TSR and ESR designs, no competence for the designer clearly defined or defined requirements for the competence of staff installing speed warning equipment for project works (outside the maintenance organisation).                                                           | Accepted              |
| STDCHAL-000132 | 02/11/2020    | NR/L3/CIV/020                                          | Buildings & Civils                    | Height of parapet                                                                                                                                                                                     | 1.5m high parapet height over the length of the bridge with mesh infill panels to provide natural light for the bridge crossing.                                                                                                                                                                                                  | Not Proceed           |
| STDCHAL-000133 | 11/12/2020    | NR/GN/CIV/200/01                                       | Buildings & Civils                    | Flooring slip resistance                                                                                                                                                                              | Proposal to adopt a minimum target rating of 36 Pendulum Test Value for level floors in internal controlled areas                                                                                                                                                                                                                 | Accepted              |
| STDCHAL-000134 | 16/12/2020    | NR/L2/SIG/30060                                        | Signalling                            | Use of Petroleum Jelly Filler                                                                                                                                                                         | Proposal that Petroleum Jelly Filler is removed from the existing standard for all LSZH cable types and is replaced by using specific cable water blocking tapes                                                                                                                                                                  | Accepted              |
| STDCHAL-000135 | 16/12/2020    | RT/E/PS/00005                                          | Signalling                            | Cable specification for sub-surface stations and tunnels                                                                                                                                              | Revise and update the standard for the construction and fire performance safety requirements for operational use in sub-surface section 12 stations and tunnels                                                                                                                                                                   | Accepted              |
| STDCHAL-000136 | 18/01/2021    | NR/L2/TEL/30135                                        | Telecommunications                    | CCT V coverage for fire exits & secondary means of escape                                                                                                                                             | Expand table 3 (d.9.4.1) to provide clear requirements for CCTV coverage for fire exits & secondary means of escape                                                                                                                                                                                                               | Accepted              |
| STDCHAL-000137 | 19/01/2021    | NR/L1/ELP/27000                                        | Electrical                            | Operational Sectioning Locations                                                                                                                                                                      | Delete clause 4.7.3, (should not be requiremnt for all loops but considered on its merits)                                                                                                                                                                                                                                        | Accepted              |
| STDCHAL-000138 | 28/01/2021    | NR/L3/ELP/27237                                        | Electrical                            | D29 Droppers                                                                                                                                                                                          | Add details on requirements for installation                                                                                                                                                                                                                                                                                      | Not Proceed           |
| STDCHAL-000139 | 10/02/2021    | NR/L1/ELP/27000                                        | Electrical                            | Design of crossovers & turnouts                                                                                                                                                                       | EP267 is amber. Should be green to align with related clause in NR/L2/ELP/27715                                                                                                                                                                                                                                                   | Accepted              |
| STDCHAL-000140 | 10/02/2021    | NR/L3/CIV/020                                          | Buildings & Civils                    | Accidental derailment loading                                                                                                                                                                         | To be able to use columns not designed for train derailment but that will be protected by the existing platform (at Walton-on-Thames)                                                                                                                                                                                             | Not Proceed           |
| STDCHAL-000141 | 10/02/2021    | NR/L3/TRK/2049                                         | Track                                 | Non-provision of future OLE clearance                                                                                                                                                                 | To be able to locate footbridge (at Walton-on-Thames) to provide clear distance of 4.64m from rail level to the soffit of the bridge.                                                                                                                                                                                             | Not Proceed           |
| STDCHAL-000142 | 17/02/2021    | NR/L2/OHS/019                                          | Quality, Health, Safety & Environment | Management of runaway risk                                                                                                                                                                            | To update Appendix B of module 05 to allow the user of watchpersons where no barrier can be put in place (removing conflict with Appendix C)                                                                                                                                                                                      | Accepted              |
| STDCHAL-000143 | 18/02/2021    | NR/L2/OHS/019                                          | Quality, Health, Safety & Environment | Management of runaway risk                                                                                                                                                                            | To be able to use Watchmen (non lookout) with audible system where none of the listed control measures can be implemented & the work is at night or in a tunnel                                                                                                                                                                   | Accepted              |
| STDCHAL-000144 | 18/02/2021    | NR/L2/TRK/2500                                         | Track                                 | Roles & responsibilities                                                                                                                                                                              | Amended to provide clear responsibility for obtaining the NR/L2/MTC/089/AMP009 and incorporating this information into the design before the form A is issued for approval.                                                                                                                                                       | Accepted              |
| STDCHAL-000145 | 03/03/2021    | NR/L2/ELP/27311                                        | Track                                 | Roles & responsibilities                                                                                                                                                                              | Records of Verifying documents - Add a box to the form where references to Verifying documents can be recorded.<br>Certification of consequential works- Provide guidance within the standard as to how consequential works are certified. Specifically, the replacement of passive fire stopping.                                | Accepted              |
| STDCHAL-000146 | 03/03/2021    | NR/L2/OHS/00110                                        | Track                                 | Roles & responsibilities                                                                                                                                                                              | Permit contractors to use their own governance for sites they are managing in accordance with their own HSMS: simplifies contract administration.                                                                                                                                                                                 | Not Proceed           |
| STDCHAL-000147 | 03/03/2021    | NR/L3/INI/CP0036                                       | Track                                 | Roles & responsibilities                                                                                                                                                                              | Permit contractors to use their own governance for the provision of welfare facilities if contractors have suitable arrangements which equal or exceed those of Network Rail.                                                                                                                                                     | Not Proceed           |
| STDCHAL-000148 | 11/03/2021    | NR/L2/CIV/003                                          | Buildings & Civils                    | Inspection and Testing                                                                                                                                                                                | Section 14 should be reworded into a number of key requirements.                                                                                                                                                                                                                                                                  | Accepted              |
| STDCHAL-000149 | 12/03/2021    | NR/L3/CIV/023                                          | Buildings & Civils                    | Misleading clause 8.2.12.2                                                                                                                                                                            | Update the clause to explain that the plastic section modulus should not be used to increase the capacity of members in bending e.g. cross members, that are a part of an outrigger-frame/ U-frame etc.                                                                                                                           | Accepted              |
| STDCHAL-000150 | 17/03/2021    | NR/CIV/SD/TUM/400                                      | Buildings & Civils                    | Clause 3.3 & drainage cover details shown on drawing number NR/CIV/SD/432                                                                                                                             | Holes provided in the drainage covers - an alternative design providing slots 3 times the void area.                                                                                                                                                                                                                              | Accepted              |
| STDCHAL-000151 | 22/03/2021    | NR/L2/MTC/089                                          | Maintenance                           | Minimum Asset Data Requirements (MADR)                                                                                                                                                                | Include the MADR as a fully referenced document with a full document number linked to the standard. Provide a formal process within the standard for updating the MADR.                                                                                                                                                           | Not Proceed           |
| STDCHAL-000152 | 22/03/2021    | NR/L2/OHS/019                                          | Quality, Health, Safety & Environment | Management of Runaway Risk                                                                                                                                                                            | Use of a Watchman (non lookout).                                                                                                                                                                                                                                                                                                  | Not Proceed           |
| STDCHAL-000153 | 22/03/2021    | NR/L2/OHS/019                                          | Quality, Health, Safety & Environment | Reference documentation - Page 5                                                                                                                                                                      | Out of date references                                                                                                                                                                                                                                                                                                            | Accepted              |
| STDCHAL-000154 | 23/03/2021    | NR/L2/SIG/11201                                        | Signalling                            | Sections 1.1.4 & 1.1.5 referencing incorrect                                                                                                                                                          | Out of date references                                                                                                                                                                                                                                                                                                            | Accepted              |
| STDCHAL-000155 | 25/03/2021    | NR/L2/OHS/020                                          | Quality, Health, Safety & Environment | General updates required throughout but notably to Sections, 5, 6 and 8.                                                                                                                              | Out of date references                                                                                                                                                                                                                                                                                                            | Accepted              |
| STDCHAL-000156 | 28/04/2021    | NR/L2/ELP/21085                                        | Electrical                            | Section 12.1.1.1                                                                                                                                                                                      | Update to capture GWEP requirements which need to be retained                                                                                                                                                                                                                                                                     | Not Proceed           |
| STDCHAL-000157 | 24/05/2021    | NR/SP/ELP/27044                                        | Electrical                            | Section 4 – Switching Station Designation                                                                                                                                                             | Update 2 character designation to 4 characters.<br>A central, national database of utilised names should be maintained to ensure no clashes or duplications.                                                                                                                                                                      | Accepted              |
| STDCHAL-000158 | 25/05/2021    | NR/L3/SIG/11303                                        | Signalling                            | New method of installing cabinets                                                                                                                                                                     | Inclusion of the new Rail Cabinet Base System as at the very least a noted option for cabinet installation.                                                                                                                                                                                                                       | Not Proceed           |
| STDCHAL-000159 | 26/05/2021    | NR/L3/OPS/251                                          | Operations                            | Unmanned Aircraft System (Drone / UAS) Operations                                                                                                                                                     | Introduce a new section that covers the use of Class A1 drones (less than 250g)                                                                                                                                                                                                                                                   | Not Proceed           |
| STDCHAL-000160 | 09/09/2021    | NR/L2/OHS/069                                          | Quality, Health, Safety & Environment | 6.2 Access Gates                                                                                                                                                                                      | Signs at new access points                                                                                                                                                                                                                                                                                                        | Not Proceed           |
| STDCHAL-000161 | 30/06/2021    | NR/L3/CIV/006                                          | Buildings & Civils                    | Entering a new asset into the structures database / management system.                                                                                                                                | The standard is updated to include requirements for new assets and what inspections are needed to list new assets into the management systems                                                                                                                                                                                     | Not Proceed           |
| STDCHAL-000162 | 01/07/2021    | NR/L2/TRK/2102                                         | Track                                 | Amber vs Green sidebars                                                                                                                                                                               | A dotted Green sidebar should be added against the text “Changes in vertical alignment shall not be coincidental with changes in horizontal alignment.”.                                                                                                                                                                          | Accepted              |
| STDCHAL-000163 | 06/07/2021    | NR/L3/TRK/2049                                         | Track                                 | mod01: Clause A.5.1 & A.5.2                                                                                                                                                                           | The level of detail provided in Tables 1 & 2 is “misleading with the potential to cause injury to staff” if the information is used at face value without further detailed reference to the REPW series of drawings.                                                                                                              | Accepted              |
| STDCHAL-000164 | 14/07/2021    | NR/L2/RSE/02009                                        | Systems Engineering                   | Section B6. CRE construction                                                                                                                                                                          | Out of date references                                                                                                                                                                                                                                                                                                            | Accepted              |
| STDCHAL-000165 | 19/07/2021    | NR/L2/RSE/02009                                        | Systems Engineering                   | The Role of ‘Design Engineer’                                                                                                                                                                         | The requirements for the identification/requirements for a DE and how to assess when one is required is needed to give the standard greater clarity and to allow it to be applied consistently.                                                                                                                                   | Accepted as Variation |
| STDCHAL-000166 | 19/07/2021    | NR/L2/TRK/2102                                         | Track / Signals                       | Design and Construction of Track; plus: NR/L2/SIG/11201, issue 14; Signalling Design Handbook NR/L2/TRK/3100, issue 5; Topographic, engineering, land and measured building surveying                 | Cross Referencing & Clauses                                                                                                                                                                                                                                                                                                       | Accepted              |
| STDCHAL-000167 | 21/07/2021    | NR/L2/ELP/40068                                        | Electrical                            | Diesel generator minimum running time                                                                                                                                                                 | Change of mrt.                                                                                                                                                                                                                                                                                                                    | Accepted              |
| STDCHAL-000168 | 22/07/2021    | NR/L2/CIV/193                                          | Buildings & Architecture              | Footbridges 7 Lift call buttons                                                                                                                                                                       | Relocate lift call button                                                                                                                                                                                                                                                                                                         | Not Proceed           |
| STDCHAL-000169 | 22/07/2021    | NR/L2/TRK/3203                                         | Track                                 | The available range of Survey Methods in Table E.1 which does not recognise the advances in survey technology and the introduction of new survey equipment since this Standard was published in 2011. | Standard should be revised to include the latest survey equipment and allow alternative (more modern) methods of survey data collection and post-survey processing which can produce more accurate data sets and reduce the unnecessary iterations of design and additional clearance analysis.                                   | Accepted              |
| STDCHAL-000170 | 06/08/2021    | NR/L3/ELP/27250                                        | Electrical                            | Sheet 602 – Symbols for cable and bonds used on negative drawings                                                                                                                                     | Due to on-going 150mm2 alu cable shortages, the only alternate provided by the table is a 161mm2 copper cables. In most cases copper cables are non preferred due to likely cable theft risk.                                                                                                                                     | Accepted              |
| STDCHAL-000171 | 13/08/2021    | NR/L2/CIV/177                                          | Buildings & Civils                    | Figure 1 in section 5 and Table 3 in section 6                                                                                                                                                        | The order of tests in figure 1 does not match the wording of section 5, and the wording in the table is unclear and is being misapplied in practice                                                                                                                                                                               | Accepted              |
| STDCHAL-000172 | 16/08/2021    | NR NR/L2/CIV/005                                       | Buildings & Civils                    | 10 Post- Installation                                                                                                                                                                                 | Stdnard should:<br>- Clearly stated requirement for post installation CCTV surveys to be undertaken.<br>- require that copies of any discharge consent are provided to the RAM as part of the handover.<br>- provide clarity on need to provide operation & maintenance manuals for non-standard items such as oil inceptors etc. | Not Proceed           |
| STDCHAL-000173 | 17/08/2021    | NR/L2/CIV/096                                          | Mining and Tunnels                    | Drafting errors                                                                                                                                                                                       | The standard seems to contain some drafting errors. The challenge seeks to resolve these to improve clarity.                                                                                                                                                                                                                      | Accepted              |
| STDCHAL-000174 | 13/09/2021    | NR/L2/ELP/23001                                        | Electrical                            | 6.2 Environmental Conditions                                                                                                                                                                          | COTS vs full engineered to order solution.                                                                                                                                                                                                                                                                                        | Accepted              |
| STDCHAL-000175 | 15/09/2021    | NR/L2/ELP/27550                                        | Electrical                            | 5.3.2 Interdisciplinary Check and Review Evidence                                                                                                                                                     | Issue 2 of the standard included some updates which adversely affected the clarity of d.5.3.2.                                                                                                                                                                                                                                    | Accepted              |

| ID             | Date Received | Standard Challenged   | Primary Standards Steering Group      | Subject                                                                                                                                          | Simplified Summary of Challenge                                                                                                                                                                                                                                                                                                                           | Current Process Stage |
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| STDCHAL-000176 | 29/09/2021    | NR/L2/RSE/02009       | Systems Engineering                   | Clause 10.4.6 and all sub-clauses, Plus Module 1 Appendix B.5                                                                                    | Recording of competencies                                                                                                                                                                                                                                                                                                                                 | Accepted              |
| STDCHAL-000177 | 30/09/2021    | NR/GN/CIV/202         | Buildings & Civils                    | Guidance on information signage                                                                                                                  | The requirement for signs “on the left” side of the bridge is unclear.                                                                                                                                                                                                                                                                                    | Not Proceed           |
| STDCHAL-000178 | 30/09/2021    | NR/L2/RSE/02009       | Systems Engineering                   | Clause 10.4.6 and all sub-clauses, Plus Module 1 Appendix B.5                                                                                    | Recording of competencies                                                                                                                                                                                                                                                                                                                                 | Accepted              |
| STDCHAL-000179 | 05/10/2021    | NR/L2/RSE/02009       | Systems Engineering                   | Clause 10.4.6 and all sub-clauses, Plus Module 1 Appendix B.5                                                                                    | Recording of competencies                                                                                                                                                                                                                                                                                                                                 | Accepted              |
| STDCHAL-000180 | 06/10/2021    | NR/L2/ELP/27715       | Electrical                            | Flexibility when positioning DEP (Designated Earthing Point) locations                                                                           | Standard (and others as applicable) should not intentionally provide conflict with NR/L3/ELP/29987/07.                                                                                                                                                                                                                                                    | Not Proceed           |
| STDCHAL-000181 | 07/10/2021    | NR/L2/MTC/006         | Quality, Health, Safety & Environment | Standard out of date                                                                                                                             | Update Standard                                                                                                                                                                                                                                                                                                                                           | Accepted              |
| STDCHAL-000182 | 12/10/2021    | NR/L2/CIV/177         | Buildings & Civils                    | Section 4 definition of track support zone & Section 6 table 3                                                                                   | Update Standard Sections                                                                                                                                                                                                                                                                                                                                  | Accepted              |
| STDCHAL-000183 | 13/10/2021    | NR/L2/TRK/4040        | Track                                 | Design Requirements                                                                                                                              | - When installing a Level crossing system as a temporary RRAP under standard NR/L2/RMVP/0200/P301 where ballast is used instead of a road surfacing.<br>- Devices placed centrally between the rails over a width of 300 mm & angled down at 45° to deflect anything hanging from a train which could otherwise damage or displace an end internal panel. | Not Proceed           |
| STDCHAL-000184 | 25/10/2021    | NR/L3/CIV/020 ISSUE 1 | Buildings & Civils                    | Duration of time between maintenance based on whole life cost                                                                                    | The standard is updated to include guidance on the preferred interventions periods.                                                                                                                                                                                                                                                                       | Not Proceed           |
| STDCHAL-000185 | 22/10/2021    | NR/L2/RSE/30041       | Systems Engineering                   | Application of BS EN 50121-4 within the railway boundary                                                                                         | Limit application of BS EN 50121-4 to safety critical Signalling and Telecommunication equipment located within 3m of the nearest rail of an electrified line.                                                                                                                                                                                            | Not Proceed           |
| STDCHAL-000186 | 17/11/2021    | NR/L3/CIV/006/2A      | Buildings & Civils                    | The examiner should also be required to check the height limit as shown on the bridge matches the records held in the National street Gazetteer. | An additional check is included to ensure data used for sat navs is correct                                                                                                                                                                                                                                                                               | Not Proceed           |
| STDCHAL-000187 | 17/12/2021    | NR/L3/CIV/071         | Geotechnical                          | Geotechnical parameters                                                                                                                          | An additional clause is added to the standard to require designers to specify additional geotechnical investigations at the start of the site works to confirm the validity of the Geotechnical parameters used in the design.                                                                                                                            | Accepted              |
| STDCHAL-000188 | 16/12/2021    | NR/L3/CIV/0063        | Buildings & Civils                    | Purpose, Sections 5.1 & Appendix B                                                                                                               | Purpose - updated doc to have commonly defined terms<br>Section 5.1 - The hierarchy is replaced with a flow diagram and clear definition of hazards which needed assessment for possible collapse on to NR property which are not mitigated by this standard.<br>Appendix B - Update diagrams to match requirements of standard.                          | Accepted              |
| STDCHAL-000189 | 20/12/2021    | NR/L2/CIV/003         | Buildings & Civils                    | General issue relating to activities post issue of approved design for construction                                                              | Approval of fabrication drawings                                                                                                                                                                                                                                                                                                                          | Not Proceed           |
| STDCHAL-000190 | 23/12/2021    | NR/L2/ELP/40045       | Electrical                            | 6.2 performance requirements                                                                                                                     | Update of standard to include requirements for energy efficiency / heat loss prevention / use of smart control systems to avoid unnecessary running time / supervisory control and data acquisition.                                                                                                                                                      | Accepted              |
| STDCHAL-000191 | 24/12/2021    | NR/L2/RSE/02009       | Systems Engineering                   | Various                                                                                                                                          | Various changes to align with project SPEED and improve delivery by the reduction of complexity.                                                                                                                                                                                                                                                          | Not Proceed           |
| STDCHAL-000192 | 29/12/2021    | NR/L2/TRK/4239        | Track                                 | Re suppliers using virgin fill from a quarry (eg.Type 1), not recycled (eg 6F4).                                                                 | It is proposed that the extract of cl.5.5.4.4 above be amended to clarify that recycled materials from SCO are compliant for use in the trackbed.                                                                                                                                                                                                         | Accepted              |
| STDCHAL-000193 | 29/12/2021    | NR/L2/TRK/4239        | Track                                 | cl.6.7 Supervision and Monitoring                                                                                                                | It would be helpful for the wider industry if NR updated their guidance and standards to provide consistency and clarity over what is considered to be a) track and b) track bed or formation, and the product approval requirements that apply to each                                                                                                   | Not Proceed           |
| STDCHAL-000194 | 04/01/2022    | NR/L3/TRK/002         | Track                                 | Various - Standard “out of date”                                                                                                                 | Update Standard                                                                                                                                                                                                                                                                                                                                           | Not Proceed           |
| STDCHAL-000195 | 04/01/2022    | NR/L3/ELP/29987       | Electrical                            | 3.1 Areas of Reduced Wire Height                                                                                                                 | 3.1 mandates a set of requirements for a specific hazard, no requirements are provided for how the locations of the known hazard (reduce wire height) is communicated to the wider railway industry.                                                                                                                                                      | Accepted              |
| STDCHAL-000196 | 28/01/2022    | NR/L3/CIV/151         | Buildings & Civils                    | Details on drawing NR/CIV/SD/263 issue E                                                                                                         | Various                                                                                                                                                                                                                                                                                                                                                   | Not Proceed           |
| STDCHAL-000197 | 04/02/2022    | NR/L2/OHS/0044        | Workforce Safety                      | L2/OHS/0044F01<br>L2/OHS/0044F02<br>L2/OHS/0044F03                                                                                               | Change in wording to L2/OHS/0044F01, and addition of signature box and wording to L2/OHS/0044/F02 and F03                                                                                                                                                                                                                                                 | Not Proceed           |
| STDCHAL-000198 | 15/02/2022    | NR/L3/TRK/003         | Track                                 | Item 14 Sleeper / Bearers                                                                                                                        | The form currently is silent with respect to longitudinal timbers and provides no prompt to specific hand back requirements for longitudinal bearers                                                                                                                                                                                                      | Accepted              |
| STDCHAL-000199 | 02/03/2022    | NR/L2/TRK/1019        | Track                                 | General visual inspection minimum illuminance requirements                                                                                       | Lower the minimum illuminance requirements.                                                                                                                                                                                                                                                                                                               | Accepted              |
| STDCHAL-000200 | 07/03/2022    | NR/L2/OHS/00130       | Workforce Safety                      | Fixed Permanent and fixed temporary barriers                                                                                                     | Update the standard to remove the 2.75m requirement but inset a requirement to risk access from the proximity to the live OLE                                                                                                                                                                                                                             | Not Proceed           |
| STDCHAL-000201 | 07/03/2022    | NR/L3/CIV/006         | Buildings & Civils                    | 6.7 Watercourses                                                                                                                                 | An additional check is included to ensure trash screens are designed / working as per current best practice                                                                                                                                                                                                                                               | Not Proceed           |
| STDCHAL-000202 | 23/03/2022    | NR/L2/OHS/021         | Workforce Safety                      | Various                                                                                                                                          | Update Standard                                                                                                                                                                                                                                                                                                                                           | Accepted              |
| STDCHAL-000203 | 30/03/2022    | NR/L3/TRK/7012        | Track                                 | Various                                                                                                                                          | Various                                                                                                                                                                                                                                                                                                                                                   | Accepted              |
| STDCHAL-000204 | 04/04/2022    | NR/CIV/SD/TUM/101     | Buildings & Civils                    | 3.1.3 Intrusive weeds<br>5.10 / 5.11/ 5.12 .... Cracks                                                                                           | Mixing of Weed killer.<br>Update to provide requirements and details for the provision of date tabs.                                                                                                                                                                                                                                                      | Accepted              |
| STDCHAL-000205 | 29/04/2022    | NR/L2/TRK/2102        | Track                                 | cl.10.3.4 Ballast excavation                                                                                                                     | Provide guidance on control measures to reduce risks.                                                                                                                                                                                                                                                                                                     | Not Proceed           |
| STDCHAL-000206 | 29/04/2022    | NR/L2/CIV/295         | Buildings & Civils                    | It's not obvious how the tidal velocity should be used in Figure A.9 EX2502 calculation sheet                                                    | Clarify this, and update this standard to enable asset management teams to appropriately manage tidal scour.                                                                                                                                                                                                                                              | Accepted              |
| STDCHAL-000207 | 06/05/2022    | NR/L2/INI/CP1030      | Workforce Safety                      | Various                                                                                                                                          | Scope, Requirements – types what Level 2 / How Level 3, Accessibility of forms, Requirements – restrictions from product acceptance process, Requirements – harmonisation with PAS128                                                                                                                                                                     | Accepted              |
| STDCHAL-000208 | 16/05/2022    | NR/L2/CIV/044         | Buildings & Civils                    | cl.8.4.1 Depth of Cover                                                                                                                          | Update drawings to reflect the shallower depth stated in the standard.                                                                                                                                                                                                                                                                                    | Accepted              |
| STDCHAL-000209 | 23/05/2022    | NR/L2/OHS/021         | Workforce Safety                      | Requirement for general purpose gloves when working on site                                                                                      | Change requirement for gloves with a cut resistance Level 5.                                                                                                                                                                                                                                                                                              | Not Proceed           |
| STDCHAL-000210 | 23/05/2022    | NR-L2-ELP-21106       | Electrical                            | Network Rail do not have a standard for calculation of protection settings for their Auto Transformer systems                                    | Expand scope to include Auto Transformer Systems & bring other details up to date                                                                                                                                                                                                                                                                         | Accepted              |
| STDCHAL-000211 | 23/05/2022    | NR-L3-ELP-21085       | Electrical                            | Various                                                                                                                                          | Improve the contents of the standard.                                                                                                                                                                                                                                                                                                                     | Accepted              |
| STDCHAL-000212 | 31/05/2022    | NR/L2/OHS/00130       | Workforce Safety                      | Various                                                                                                                                          | Affordability of the protection methods detailed within the standard.                                                                                                                                                                                                                                                                                     | Accepted              |
| STDCHAL-000213 | 13/06/2022    | NR/SP/ELP/27242       | Electrical                            | Standard out of date                                                                                                                             | Complete revision                                                                                                                                                                                                                                                                                                                                         | Accepted              |
| STDCHAL-000214 | 14/06/2022    | NR/L2/CIV/177         | Buildings & Civils                    | Type of monitoring                                                                                                                               | Clearly define allowable methodology for monitoring the track & other types of infrastructure.                                                                                                                                                                                                                                                            | Not Proceed           |
| STDCHAL-000215 | 01/07/2022    | NR/L2/CIV/178         | Buildings & Civils                    | Definition of Working Platform                                                                                                                   | Amend the definition of Working Platform.                                                                                                                                                                                                                                                                                                                 | Not Proceed           |
| STDCHAL-000216 | 28/07/2022    | NR/L2/TRK/2102        | Track                                 | Changes in horizontal alignment                                                                                                                  | Where track lowers are being considered for Electrification or gauge clearance allow vertical alignment changes to be coincident with horizontal transitions                                                                                                                                                                                              | Accepted              |
| STDCHAL-000217 | 28/07/2022    | NR/L2/TRK/2102        | Track                                 | Constant grade 30m either side of an overbridge                                                                                                  | Where track lowers are being considered for Electrification or gauge clearance, allow vertical curves to be designed through an overbridge                                                                                                                                                                                                                | Accepted              |
| STDCHAL-000218 | 28/07/2022    | NR/L2/TRK/2102        | Track                                 | Vertical element (constant gradient)                                                                                                             | Where track lowers are being considered for Electrification or gauge clearance allow vertical element lengths less than 2 seconds at maximum linespeed                                                                                                                                                                                                    | Accepted              |
| STDCHAL-000219 | 03/08/2022    | NR/L2/CTM/220         | Competence & Training                 | Various                                                                                                                                          | Various                                                                                                                                                                                                                                                                                                                                                   | Not Proceed           |
| STDCHAL-000220 | 09/08/2022    | NR/L2/ELP/21085       | Electrical                            | Guidance for Bonding in complex areas                                                                                                            | Clause 18.2.2 is updated to include a guidance section.                                                                                                                                                                                                                                                                                                   | Accepted              |
| CHL/1          | 30/09/2022    | NR/L3/OHS/019-IP      | Workforce Safety                      | Planned removal of standard                                                                                                                      | Removal of the requirements of NR/L3/OHS/019 ahead of the planned date of December 2022.                                                                                                                                                                                                                                                                  | Accepted              |
| CHL/2          | 03/10/2022    | NR/L2/CIV/044         | Buildings & Civils                    | Depth of UTX cover to be a minimum of 900mm between sleeper soffit and crown of pipe.                                                            | A reduction in the desirable depth of cover without additional measures to 600mm.                                                                                                                                                                                                                                                                         | Not Proceed           |
| CHL/3          | 04/10/2022    | NR/L3/OHS/019-IP      | Workforce Safety                      | Withdrawal of standard                                                                                                                           | Work to NR/L2/OHS/019 Issue 11 and disregard NR/L3/OHS/019-IP.                                                                                                                                                                                                                                                                                            | Accepted              |
| CHL/4          | 04/10/2022    | NR/L1/ELP/27000       | Electrical                            | Various                                                                                                                                          | EP-23 & Clause 4.5.9 to be corrected. Missing Appendices                                                                                                                                                                                                                                                                                                  | Not Proceed           |
| CHL/5          |               |                       |                                       |                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                           |                       |
| CHL/6          | 24/10/2022    | NR/L2/CIV/003         | Buildings & Civils                    | RACI chart                                                                                                                                       | Asset Manager responsibility                                                                                                                                                                                                                                                                                                                              | Accepted              |
| CHL/7          |               |                       |                                       |                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                           |                       |
| CHL/8          |               |                       |                                       |                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                           |                       |
| CHL/9          | 07/11/2022    | NR/L2/CIV/177         | Buildings & Civils                    | Varous                                                                                                                                           | Reference to other standards                                                                                                                                                                                                                                                                                                                              | Not Proceed           |
| CHL/10         | 14/11/2022    | NR/L2/OHS/00130       | Workforce Safety                      | COSS as Site Controller                                                                                                                          | Mandatory use of a COSS on every site                                                                                                                                                                                                                                                                                                                     | Accepted              |
| CHL/11         | 14/11/2022    | NR/L2/RSE/02009       | Systems Engineering                   | The mandatory requirement for IDC on simple, single discipline projects                                                                          | A simpler and quicker process.                                                                                                                                                                                                                                                                                                                            | Not Proceed           |
| CHL/12         | 15/11/2022    | NR/L2/TRK/2102        | Track                                 | All As Built standards                                                                                                                           | A new standard to capture all the requirements of As Built information.                                                                                                                                                                                                                                                                                   | Accepted              |
| CHL/13         | 29/11/2022    | NR/L2/RMVP/0200       | Rail Mounted Vehicle Plant            | Approach to minimum exclusion zone for flailing works                                                                                            | Implement a risk-based approach to determining the minimum exclusion zone for flailing works                                                                                                                                                                                                                                                              | Not Proceed           |

| ID     | Date Received | Standard Challenged | Primary Standards Steering Group    | Subject                                                                                                                                     | Simplified Summary of Challenge                                                                                                                                                                                                  | Current Process Stage |
|--------|---------------|---------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| CHL/14 | 30/11/2022    | NR/L3/TRK/002       | Track                               | Track Maintenance Handbook & Vegetation Clearance                                                                                           | A reference to NR/L2/RMVP/0200/P511 - Infrastructure Plant Manual: Vegetation Management should be added to this document & the requirements harmonised between the two documents.                                               | Accepted              |
| CHL/15 | 12/12/2022    | NR/L2/OHS/00124     | Health and Wellbeing                | Hearing Test                                                                                                                                | Variation for those with certain hearing aids & medical test updated.                                                                                                                                                            | Accepted              |
| CHL/16 | 16/12/2022    | NR/L3/CIV/006       | Buildings & Civils                  | Inspection of 3rd party land on either side of a structure                                                                                  | Defects in 3rd part land should be sent to the landowner to resolve and not undertaken by the railway.                                                                                                                           | Not Proceed           |
| CHL/17 | 20/12/2022    | NR/L3/CIV/006       | Buildings & Civils                  | Recommendations related to actions to deal with identified problems                                                                         | Recommendations related to actions to deal with identified problems should be removed from the standard.                                                                                                                         | Not Proceed           |
| CHL/18 | 20/12/2022    | NR/L3/INI/CP0036    | Workforce Safety                    | Standard was written due to the introduction of new Legislation which is now well understood.                                               | Delete or update standard                                                                                                                                                                                                        | Accepted              |
| CHL/19 | 16/01/2023    | NR/L2/ELP/27224     | Electrical                          | Various Clauses                                                                                                                             | Clauses 7.3, 8.5 and 8.9                                                                                                                                                                                                         | Accepted              |
| CHL/20 | 24/01/2023    | NR/L3/SIG/11231     | Signalling                          | NR/SMTH/PART 04 - Part 04 [Issue 14]                                                                                                        | Clarification as to whether all SMTH Test Plan steps are to be considered mandatory, unless specified otherwise. Rewrite of highlighted Test Plans.                                                                              | Not Proceed           |
| CHL/21 | 24/01/2023    | NR/L3/SIG/11231     | Signalling                          | NR/SMTH/Part 06 - (NR/L3/SIG/11231) Part 06 [Issue 5]                                                                                       | Clarification as to whether all SMTH Test Plan steps are to be considered mandatory, unless specified otherwise. Rewrite of highlighted Test Plans.                                                                              | Not Proceed           |
| CHL/22 | 24/01/2023    | NR/L3/SIG/10663     | Signalling                          | NR/SMS/PART/B - (NR/L3/SIG/10663) (Part B) Specified Tests Index [Issue 15]                                                                 | Clarification as to whether all SMS Test steps are to be considered mandatory, unless specified otherwise. Rewrite of highlighted Test Plans to clarify ambiguous wording and unnecessary steps.                                 | Not Proceed           |
| CHL/23 | 30/01/2023    | NR/L2/TRK/2102      | Track                               | Clause not output based, i.e. it sets limits on adjacent track vertical position to ensure the sixfoot ballast shoulder is self supporting. | The clause should be rewritten based on a known ballast shoulder slope that is self supporting. This would then take into account variances in sleeper (Eg47 versus G44) and ballast shoulder width (375mm versus 450mm)         | Accepted              |
| CHL/24 | 01/02/2023    | NR/L2/RSE/100       | Systems Engineering                 | The Product Acceptance Service Guidance Note 'How to decide what needs product acceptance' (currently at Issue 1.1)                         | The items listed in this guidance document and the applicability of NR/L2/RSE/100/05 is reconsidered.                                                                                                                            | Not Proceed           |
| CHL/25 | 01/02/2023    | NR/L3/ENV/305       | Environment and Sustainability      | Broken PEN conductors Guidance                                                                                                              | Several amendments to Guidance                                                                                                                                                                                                   | Not Proceed           |
| CHL/26 | 16/02/2023    | NR/GN/OTK/5000      | Off Track                           | The specification for posts should be expanded to include requirements for steel posts.                                                     | Update specification to include steel posts as well as timber eg following product <a href="https://mcveighparker.com/clipex">https://mcveighparker.com/clipex</a>                                                               | Not Proceed           |
| CHL/27 | 24/02/2023    | NR/L2/TRK/2102      | Track                               | Cant deficiency and line speed improvements                                                                                                 | Clause 8.5.8 Cant deficiency and line speed improvements should be revised and reissued.                                                                                                                                         | Accepted              |
| CHL/28 | 24/02/2023    | NR/L2/TRK/2102      | Track                               | "Legacy CWR" and "modern CWR"                                                                                                               | 'Definitions' term for "modern CWR" should be revised to clarify the design intent.                                                                                                                                              | Accepted              |
| CHL/29 | 27/02/2023    | NR/L2/RSE/02009     | Systems Engineering                 | Requirement for engineers to demonstrate DE01 competence (via Competence Quads) plus ongoing review.                                        | Consultants own competency system is used to assess and record competency.                                                                                                                                                       | Not Proceed           |
| CHL/30 | 27/02/2023    | NR/L2/TRK/2102      | Track                               | Challenge against a previous issue of the standard.                                                                                         | Current issue addresses issues raised in the challenge.                                                                                                                                                                          | Not Proceed           |
| CHL/31 |               |                     |                                     |                                                                                                                                             |                                                                                                                                                                                                                                  |                       |
| CHL/32 | 04/04/2023    | NR/L2/ELP/1007      | Electrical                          | Wording of the existing clauses                                                                                                             | DLR interface with the SCADA system                                                                                                                                                                                              | Accepted              |
| CHL/33 | 25/04/2023    | NR/L2/SIG/11201     | Signalling                          | New MCB-CCTV crossings lighting levels                                                                                                      | Lower the 40 lux requirement in NR/L2/SIG/11201/Mod X23.                                                                                                                                                                         | Not Proceed           |
| CHL/34 | 04/05/2023    | NR/L2/OHS/00124     | Health and Wellbeing                | Changing to the prescribed 38 plate edition from 24 plate edition.<br>13.4.10 is worded incorrectly.                                        | Permitting use of 24 plate edition and stating the permitted number of failed plates proportionately.<br>13.4.10 should state 14 of 17 plates read correctly are a pass and 4 or more failed plates is a fail.                   | Accepted              |
| CHL/35 |               |                     |                                     |                                                                                                                                             |                                                                                                                                                                                                                                  |                       |
| CHL/36 | 27/05/2023    | NR/L3/SIG/11303     | Signalling                          | Module 2P10 - Signalling Installation - Track Circuits: Rail Terminations [Issue 2]                                                         | Process missing the use of over-rail mounted drills & does not clearly define some key steps to mounting the moulded TC tail to the rail in an optimal way.                                                                      | Accepted              |
| CHL/37 | 31/05/2023    | NR/L3/CIV/0063      | Buildings & Civils                  | Section 12.2.2                                                                                                                              | Revert to the previous methods of designing Tower Cranes & managing lifting operations.                                                                                                                                          | Accepted              |
| CHL/38 | 27/06/2023    | NR/L2/SIG/11201     | Signalling                          | Confusion between Mod B7 and F060 Appendix 3.                                                                                               | Amend Mod B7 3.7.1 text or clarify the specific, perhaps historic conditions when the Mod B7 text would override that in F060.                                                                                                   | Accepted              |
| CHL/39 | 14/07/2023    | NR/L3/CIV/006       | Buildings & Civils                  | Details of ordnance survey coordinates format to be used                                                                                    | Standard should be updated to ensure data is collected & presented in accordance with NR/L1/ADG/004 ISSUE 1 - Geospatial Referencing                                                                                             | Accepted              |
| CHL/40 | 14/07/2023    | NR/L2/CIV/003       | Buildings & Civils                  | Front page tile table on all forms A to H                                                                                                   | Update to reflect the requirements of NR/L1/ADG/004 ISSUE                                                                                                                                                                        | Accepted              |
| CHL/41 | 14/07/2023    | NR/L2/CIV/003       | Buildings & Civils                  | Sign off boxes                                                                                                                              | Should be included in the template for: Gauging Engineer & Fire Engineer, Station Security & Contingency Planning Specialist<br>Station Pedestrian Capacity & Evacuation Review<br>Town Planner ( listed Structures)             | Accepted              |
| CHL/42 | 20/07/2023    | NR/L2/CIV/035       | Buildings & Civils                  | Title block                                                                                                                                 | Updated to reflect the requirements of NR/L1/ADG/004 ISSUE 1 update the current requirement to provide OS grid ref                                                                                                               | Accepted              |
| CHL/43 | 20/07/2023    | NR/L2/CIV/191       | Buildings & Civils                  | Cover sheets templates                                                                                                                      | Updated to state what coordinate system is to be used as per NR/L1/ADG/004 ISSUE 1                                                                                                                                               | Accepted              |
| CHL/44 | 24/07/2023    | NR/L2/ELP/40045     | Electrical                          | Points heating standard drawings                                                                                                            | Points heating standard drawings to be aligned to the current track drawings.                                                                                                                                                    | Accepted              |
| CHL/45 | 04/08/2023    | NR/L2/CIV/005       | Buildings & Civils                  | Asset data for drainage systems                                                                                                             | Inclusion of the requirement to include Geospatial position as part of the design output / As built drawings                                                                                                                     | Not Proceed           |
| CHL/46 | 11/08/2023    | NR/L2/ELP/27715     | Electrical                          | Testing of voltage proving devices                                                                                                          | A simple specification for test cages added to the document with desirable geographical distances between test cages.                                                                                                            | Not Proceed           |
| CHL/47 | 22/08/2023    | NR/L2/SIG/11201     | Signalling                          | Clause 5.1.3: 'Sites that are not suitable are: a) stations.'                                                                               | Amend the clause to say where the station is out of sight of the crossing user                                                                                                                                                   | Not Proceed           |
| CHL/48 | 05/09/2023    | NR/L2/RMVP/40069    | Rail Mounted Vehicle Plant          | Issues related to global warming                                                                                                            | Update to reflect issues from global warming                                                                                                                                                                                     | Accepted              |
| CHL/49 | 06/09/2023    | NR/L2/SIG/11201     | Signalling                          | Assessment of infrastructure for climate change                                                                                             | Item added to the requirements in appendix A to review the placing of signalling equipment areas of known flood risk                                                                                                             | Not Proceed           |
| CHL/50 | 13/09/2023    | NR/L2/CIV/003       | Buildings & Civils                  | NR/L2/CIV/003/FormC                                                                                                                         | Rename form to avoid duplication of terminology with Overhead Line Permit Form C RSSB Form RT3116 12-18                                                                                                                          | Not Proceed           |
| CHL/51 | 14/09/2023    | NR/L2/SIG/11201     | Signalling                          | Current wording states 'An entry will be made for ARS Sub-Area(s) required in manual to prevent opposing, parallel and adjoining routes.'   | A definition of the three terms, 'opposing', 'parallel' and 'adjoining' is required                                                                                                                                              | Accepted              |
| CHL/52 | 14/09/2023    | NR/L2/CIV/003       | Buildings & Civils                  | Wording in 13.2 Temporary works operations.                                                                                                 | Wording to be changed to give more clarity to the intention behind view on what is defined by "a" (singular in context ) item of temporary works design.                                                                         | Accepted              |
| CHL/53 | 14/09/2023    | NR/L2/TRK/3011      | Track                               | Stressing Rollers                                                                                                                           | Standard references both traditional under roller/side arm interval requirements and Vortex Stressing Roller intervals                                                                                                           | Accepted              |
| CHL/54 | 22/09/2023    | NR/L2/OHS/0047      | Workforce Safety                    | Hazard Record Log                                                                                                                           | A common Hazard Record/Log template is created by & referenced in both NR/L2/RSE/100/02 and NR/L2/OHS/0047.                                                                                                                      | Not Proceed           |
| CHL/55 | 22/09/2023    | NR/L2/CIV/095       | Mining and Tunnels                  | Repair and replacement of highway signs process                                                                                             | Creation of fast track process for 3rd party works which are safety critical                                                                                                                                                     | Not Proceed           |
| CHL/56 | 03/10/2023    | NR/L2/TRK/2102      | Track                               | Quality and net zero carbon objectives.                                                                                                     | Mention of carbon in a way that uses standards to reduce carbon throughout the design & construction process.                                                                                                                    | Accepted              |
| CHL/57 | 04/10/2023    | NR/L2/CIV/140       | Buildings & Civils                  | 240.001 and 240.004 and general update                                                                                                      | The document is updated as currently it is silent with respect to the current standard designs for fencing & bonding of fencing within the OLCZ                                                                                  | Accepted              |
| CHL/58 | 16/10/2023    | NR/L1/ELP/27000     | Electrical                          | EP-53 - Tensioning Arrangements                                                                                                             | Clause to be changed from Amber to Green                                                                                                                                                                                         | Accepted              |
| CHL/59 | 16/10/2023    | NR/L2/CIV/140       | Buildings & Civils                  | Out of Date document                                                                                                                        | Withdraw standard and use NR/GN/CIV/208 - Ground Investigation only                                                                                                                                                              | Accepted              |
| CHL/60 | 16/10/2023    | NR/L2/CIV/140       | Buildings & Civils                  | Out of Date document                                                                                                                        | Withdraw standard and use NR/L2/OTK/5201 ISSUE 5 - Lineside Vegetation Management Manual only                                                                                                                                    | Accepted              |
| CHL/61 | 23/10/2023    | NR/L2/TRK/6001      | Track                               | Consideration of climate change and flood risk within problem statements                                                                    | Section 8.3 list a) item 5 & appendix A "known problems" should be expanded to include flood risk to signalling assets affected by the planned renewal.as defined by NR/L1/SIG/50021/04 item 3.4                                 | Accepted              |
| CHL/62 | 26/10/2023    | NR/GN/OTK/5000      | Off Track                           | Use of timber fence posts                                                                                                                   | Mandate the use of recycled plastic fence posts                                                                                                                                                                                  | Not Proceed           |
| CHL/63 | 03/11/2023    | NR/L3/OPS/0064      | Operations Principles and Standards | Definition of integrated work plan clause 4.1                                                                                               | The duties as defined by the CDM regs are added to the Roles & Responsibilities RACI matrix in section 3.<br>Section 6.6.2 and Section 6.6.4 are updated.                                                                        | Not Proceed           |
| CHL/64 | 21/11/2023    | BR 943              | Signalling                          | Out of Date document                                                                                                                        | A stakeholder review to identify and develop a modern standard that reflects current practice regarding the use of BR943 relays.                                                                                                 | Accepted              |
| CHL/65 | 22/11/2023    | NR/L3/TEL/30175     | Telecommunications                  | RAMP Test                                                                                                                                   | The VIAVI approach is to test the circuit at CIR for the configured time and then IF ONLY IF the test fails will a RAMP test be performed                                                                                        | Accepted              |
| CHL/66 | 30/11/2023    | NR/L3/CIV/006       | Buildings & Civils                  | Detailed Examination Requirements                                                                                                           | The common requirements for all bridges should include the need to record differing depths of ballast at the ends of each span as a indicator to slow progressive settlement of the structure or uneven loading of the structure | Not Proceed           |
| CHL/67 | 21/12/2023    | BR 829              | Signalling                          | Out of Date document                                                                                                                        | What is being proposed?<br>A stakeholder review to develop a modern standard that reflects current practices and test methods.                                                                                                   | Accepted              |
| CHL/68 | 07/02/2024    | NR/L2/CIV/191       | Mining and Tunnels                  | Provision of mining reports                                                                                                                 | Add list of exclusions for types of work where stage 1 reports are not required                                                                                                                                                  | Not Proceed           |

| ID      | Date Received | Standard Challenged     | Primary Standards Steering Group | Subject                                                                                                                                                                                                                                                                                                                                                          | Simplified Summary of Challenge                                                                                                                                                                                                                                                                                                                                                                                                                          | Current Process Stage |
|---------|---------------|-------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| CHL/69  | 09/02/2024    | NR/L2/OHS/019           | Workforce Safety                 | Accountabilities and Responsibilities                                                                                                                                                                                                                                                                                                                            | Expand the clause to include that the PIC sentinel sponsor is to provide Mobile information technology apparatus for use with planning system when staff are on or near the line.                                                                                                                                                                                                                                                                        | Not Proceed           |
| CHL/70  | 20/02/2024    | NR/L2/OHS/019           | Workforce Safety                 | Responsibilities for planning and working in a possession                                                                                                                                                                                                                                                                                                        | Default use of points operators within possessions                                                                                                                                                                                                                                                                                                                                                                                                       | Not Proceed           |
| CHL/71  | 21/02/2024    | NR/L2/ELP/CTM015        | Electrical                       | Medical restrictions for colour blindness                                                                                                                                                                                                                                                                                                                        | A separate module for reading drawings where blue, red and green are used to define the cable for scope of works.                                                                                                                                                                                                                                                                                                                                        | Accepted              |
| CHL/72  | 27/02/2024    | NR/L2/SIG/19609         | Signalling                       | Section updates not reflected in other standards                                                                                                                                                                                                                                                                                                                 | Confirm that the clauses from NR/L2/SIG/19609, 10.1.3 are still valid & they will be updated in NR/L2/SIG/30009 F060 &/or RIS-0703-CCS. Or they are confirmed as no longer being valid requirements & hence their omission in the current standards.                                                                                                                                                                                                     | Not Proceed           |
| CHL/73  | 04/03/2024    | NR/L2/SIG/11201         | Signalling                       | Signal Route and Aspect 27B(M)                                                                                                                                                                                                                                                                                                                                   | The example should include track 'BB' in the OCC column to reflect that the signal is restricted to a yellow aspect until this track is occupied.                                                                                                                                                                                                                                                                                                        | Accepted              |
| CHL/74  | 11/03/2024    | NR/L3/TRK/003           | Track                            | Clearances for Non structure apparatus stored lineside                                                                                                                                                                                                                                                                                                           | Appendix 2 should be updated to include required clearances for scrap / stored rails and other apparatus such as tools which are left lineside                                                                                                                                                                                                                                                                                                           | Accepted              |
| CHL/75  |               |                         |                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |
| CHL/76  | 14/03/2024    | NR/L3/CIV/151           | Buildings & Civils               | Handrail                                                                                                                                                                                                                                                                                                                                                         | The handrail at the last step should protrude 300mm on the horizontal                                                                                                                                                                                                                                                                                                                                                                                    | Accepted              |
| CHL/77  | 21/03/2024    | NR/L3/TRK/003           | Track                            | Use of undefined acronyms in declaration                                                                                                                                                                                                                                                                                                                         | The current numerous undefined acronyms in declaration are updated with full text or properly written defined acronyms                                                                                                                                                                                                                                                                                                                                   | Accepted              |
| CHL/78  | 28/03/2024    | NR/L2/TEL/31107         | Telecommunications               | VL/VT testing                                                                                                                                                                                                                                                                                                                                                    | Either increase the sampling ratio to 100 kS/s for all scenarios, or clearly state that the 10 S/s can be used if the monitoring device has the capability to do the high sampling post-processing internally                                                                                                                                                                                                                                            | Accepted              |
| CHL/79  | 28/03/2024    | NR/L2/ELP/27238         | Electrical                       | Insulation (2Mohm) and continuity tests of all strips.                                                                                                                                                                                                                                                                                                           | All the assets to now be monitored using RCM                                                                                                                                                                                                                                                                                                                                                                                                             | Not Proceed           |
| CHL/80  | 28/03/2024    | NR/L2/TEL/30084         | Telecommunications               | Redundant telephones on platforms                                                                                                                                                                                                                                                                                                                                | Remove telephones from stations.                                                                                                                                                                                                                                                                                                                                                                                                                         | Not Proceed           |
| CHL/81  | 28/03/2024    | NR/L2/TRK/3100          | Track                            | References to the out-dated, Signalling Asset Survey Data Specification (GRD016)                                                                                                                                                                                                                                                                                 | References to the outdated GRD016 (Signalling Asset Survey Data Specification) to be removed.                                                                                                                                                                                                                                                                                                                                                            | Accepted              |
| CHL/82  | 28/03/2024    | NR/L2/TRK/2102          | Track                            | Relative position of adjacent tracks                                                                                                                                                                                                                                                                                                                             | Update the standard to include a diagram showing where the measurement is taken.                                                                                                                                                                                                                                                                                                                                                                         | Accepted              |
| CHL/83  | 28/03/2024    | NR/L2/OHS/00124         | Health & Wellbeing               | Inconsistency between 7.1 and 6.4 & 6.5.                                                                                                                                                                                                                                                                                                                         | Notes added to show employees can meet level with restrictions.                                                                                                                                                                                                                                                                                                                                                                                          | Not Proceed           |
| CHL/84  | 23/04/2024    | NR/L2/OHS/019           | Workforce Safety                 | Line No 2 of 'Fenced site of work' states in the description column sub table that the netting distance of 0-40mph is 'at least 2m'.                                                                                                                                                                                                                             | This is incorrect and should read 1.25m as per the handbook 7 issue 8 page 11                                                                                                                                                                                                                                                                                                                                                                            | Accepted              |
| CHL/85  | 24/04/2024    | NR/L2/SIG/30009         | Signalling                       | Shunt unrestricted has been used with calling-on class route for a lot of the examples.                                                                                                                                                                                                                                                                          | Change the entry to refer to the correct class of route, Shunt Occupied (SO).                                                                                                                                                                                                                                                                                                                                                                            | Not Proceed           |
| CHL/86  | 24/04/2024    | NR/SP/ELP/27242         | Electrical                       | Clause 9.3.2 states that any cable operating at a voltage in excess of 110v shall be installed in under track crossings at a minimum depth of 1.2 metres below rail level. However, when reviewing the cable management standard (NR/L2/SIG/19812), table 3 states that mains cables for track category 3, 4, 5 & 6 should first be installed in hollow bearers. | Amend in line with the requirements of NR/L2/SIG/19812. This would then prevent the requirement to apply for a derogation every time that a CAT 3, 4, 5 & 6 track requires a cable operating at a voltage in excess of 110v to be placed in a hollow bearer.                                                                                                                                                                                             | Accepted              |
| CHL/87  |               |                         |                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |
| CHL/88  |               |                         |                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |
| CHL/89  | 15/05/2024    | NR/L2/TRK/001           | Track                            | 8.3 TEF3227 Report<br>The TEF adds little value and is onerous to review for the section managers department on a 4 weekly interval as PLPR regimes stipulates.                                                                                                                                                                                                  | Removing this review will allow more time for section managers team to carry out other more justified maintenance works or data analysis                                                                                                                                                                                                                                                                                                                 | Accepted              |
| CHL/90  | 16/05/2024    | NR/L2/CIV/193           | Buildings & Architecture         | Reliability improvement for lifts in an external environment                                                                                                                                                                                                                                                                                                     | A 2D infra-red safety edge curtain to the the full height of the car doors                                                                                                                                                                                                                                                                                                                                                                               | Not Proceed           |
| CHL/91  | 16/05/2024    | NR/L2/CIV/193           | Buildings & Architecture         | Space restrictions or long step over point with a fixed wall mounted ladder and manual handling issues with a folding ladder fixed to the floor.                                                                                                                                                                                                                 | A wall fixed ladder that be can unfolded to be accessed safely. This will come with an electrical interlock that will prevent the lift running unless returned to its stored position.                                                                                                                                                                                                                                                                   | Not Proceed           |
| CHL/92  | 16/05/2024    | NR/L2/CIV/193           | Buildings & Architecture         | Removal of secondary alarm and flashing strobe                                                                                                                                                                                                                                                                                                                   | Advice of alarm through telecommunication. Utilisation of the remote monitoring system to negate hard-wiring                                                                                                                                                                                                                                                                                                                                             | Not Proceed           |
| CHL/93  | 16/05/2024    | NR/L2/RSE/0005          | Systems Engineering              | No Clear path or graduation for when NR have designed the product and defined standards that define the level of testing and control of the part.                                                                                                                                                                                                                | Additional paths that cover NR developed and full defined production controlled sections. Suggested title "Proof of Manufacture to NR Design".                                                                                                                                                                                                                                                                                                           | Accepted              |
| CHL/94  | 20/05/2024    | NR/L2/ELP/27716         | Electrical                       | Sketch could introduce an element of uncertainty due to misalignment with BS EN 50119 (definition of HCW is defined i.e. as measured to datum point in standard but perpendicular to plane in BS EN 50119)                                                                                                                                                       | Minor revision to sketch                                                                                                                                                                                                                                                                                                                                                                                                                                 | Accepted              |
| CHL/95  |               |                         |                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |
| CHL/96  | 29/05/2024    | NR/L2/SIG/19812         | Signalling                       | Clause 8.1, Clause 8.3 and Appendix B (Figure 3) is ambiguous                                                                                                                                                                                                                                                                                                    | Clear and unambiguous text and correct cross referencing will reduce confusion, enhance understanding and avoid expensive design errors in detailed track designs                                                                                                                                                                                                                                                                                        | Accepted              |
| CHL/97  | 04/06/2024    | NR/L2/SIG/10160         | Signalling                       | Clause 4.2.2                                                                                                                                                                                                                                                                                                                                                     | It is proposed to either:<br>- change this clause from amber to green<br>- allow a review with the PRE (similar to those being appointed as Responsible Signal Engineer)<br>- re-write this clause to allow other controls                                                                                                                                                                                                                               | Not Proceed           |
| CHL/98  | 07/06/2024    | NR/L3/SIG/11231         | Signalling                       | Test Plan EL22 Replace a Howells LED SL35 Light Engine                                                                                                                                                                                                                                                                                                           | Update SMTH/EL22 to include conversion of SL35 to Howells Light Engine                                                                                                                                                                                                                                                                                                                                                                                   | Not Proceed           |
| CHL/99  | 10/06/2024    | NR/L2/CIV/191           | Mining & Tunnels                 | Clause 2                                                                                                                                                                                                                                                                                                                                                         | For temporary works and construction compounds, particularly those constructed 'off' railway land and those away from operational railway, then the requirements of CIV/191 are difficult to fully apply in the timescales that are available. Where the location of the proposed temporary works/construction compound is not covered already in a permanent works MRA, then align CIV/191 with the Form C requirements in CIV/003 issue 8 Clause 13.2. | Not Proceed           |
| CHL/100 | 12/06/2024    | NR/L3/CIV/020           | Buildings & Civils               | 11 General Loading requirements                                                                                                                                                                                                                                                                                                                                  | The bullet points for General Loading requirements as presented in section 11 should be updated to omit the generic listing for "maintenance activities" which should be added to with specific works which are foreseeable in the life of the structure                                                                                                                                                                                                 | Not Proceed           |
| CHL/101 | 20/06/2024    | NR/L3/CTM/306 [Issue 3] | Competence & Training            | Skills Assessment Scheme: Competence assurance process                                                                                                                                                                                                                                                                                                           | For regime 2 and 3 to 5 amendment to expiration processes                                                                                                                                                                                                                                                                                                                                                                                                | Accepted              |
| CHL/102 | 26/06/2024    | NR/L2/CIV/1000          | Buildings & Civils               | Competence Management for Structures                                                                                                                                                                                                                                                                                                                             | Table 6 shows 'the required frequency of practice to support maintenance of the competence'. No guidance is provided for situations where Network Rail have not employed a individuals employer to undertaken the works & thus the required frequency of practice to support maintenance of the competence cannot be achieved.                                                                                                                           | Not Proceed           |
| CHL/103 | 05/07/2024    | NR/L3/TRK/3510          | Track                            | Frequency to maintain and inspect and refill the lubrication asset.                                                                                                                                                                                                                                                                                              | To extend the frequency on CAT 1A,1 & 2, from 56 days to 84 days.                                                                                                                                                                                                                                                                                                                                                                                        | Accepted              |
| CHL/104 | 08/07/2024    | NR/L2/SIG/30081         | Signalling                       | NR/L2/SIG/11201/Mod A3-3 Issue 3<br>Discrepancy between the two standards about axle counter 10m clearance and what the notes on scheme plan should include.                                                                                                                                                                                                     | Given symbols ' % ' and ' @ ' are generally used on scheme plans, would expect Mod A3-3 be updated to include these as part of the scheme plan notes.                                                                                                                                                                                                                                                                                                    | Accepted              |
| CHL/105 | 11/07/2024    | NR/L3/CIV/030           | Buildings & Architecture         | Clause 4.3                                                                                                                                                                                                                                                                                                                                                       | Tactile surfaces are detectable to the visually impaired, the tactile profiles must be above 3mm to be detected. A change in colour or geometry at the 3mm threshold is required to alert maintenance that the tactile surface in unsafe.                                                                                                                                                                                                                | Not Proceed           |
| CHL/106 | 22/07/2024    | NR/L2/SIG/11201         | Signalling                       | Number of requirements in Appendix H are also applicable to non SSI installations & so including them in Appendix H may mean the requirements/ guidance is not followed on non SSI schemes.                                                                                                                                                                      | Review Appendix H & move some content to Appendix A. (note there is an error in section H6, the text for columns 1 and 2 is transposed compared to the example table in Table H.6.1)                                                                                                                                                                                                                                                                     | Accepted              |
| CHL/107 | 22/07/2024    | NR/L2/SIG/30014         | Signalling                       | 30014/A110 requires the timescales for issue of the closure list to be included in the design specification (see page 21, 2nd para). However the standard on signalling design specifications has no requirement.                                                                                                                                                | Remove the requirement for the Design Specification to include timescales for the issue of the closure list as this is stated in the test plan and should be determined by the testing organisation.                                                                                                                                                                                                                                                     | Accepted              |
| CHL/108 | 25/07/2024    | NR/L3/CIV/006           | Buildings & Civils               | Add date photograph was taken                                                                                                                                                                                                                                                                                                                                    | Photographs are often reused in reports where no change to the defect. This can present a misleading view to report checkers and people trying to find the defect as other things may have changed eg vegetation growth etc                                                                                                                                                                                                                              | Accepted              |
| CHL/109 | 29/07/2024    | NR/L2/CIV/295           | Buildings & Civils               | Clause 6.1 currently requires the asset engineer to record in the corporate scour management database assets based on subjective criteria.                                                                                                                                                                                                                       | Scour Risk assessment for all structures over water                                                                                                                                                                                                                                                                                                                                                                                                      | Accepted              |
| CHL/110 | 09/08/2024    | NR/SP/TRK/1110          | Track                            | Reduce the amount of industrial NDT experience required, having attended the UT - U1 (including U16) course for Level 1.                                                                                                                                                                                                                                         | Following training of UT - U1 (including U16), Level 1 would require 6 experience days instead of 35 currently required.                                                                                                                                                                                                                                                                                                                                 | Accepted              |
| CHL/111 | 19/08/2024    | NR/L2/CIV/140           | Buildings & Civils               | BS EN 1090-2 has been published but NR/L2/CIV/140/1800C still refers to the former now superseded version of BS EN 1090-2                                                                                                                                                                                                                                        | Update to align with the 2018+A1:2024 standard                                                                                                                                                                                                                                                                                                                                                                                                           | Accepted              |

| ID      | Date Received | Standard Challenged                                                                                                                                      | Primary Standards Steering Group | Subject                                                                                                                                                                                                                                                                          | Simplified Summary of Challenge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Current Process Stage |
|---------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| CHL/112 | 20/08/2024    | NR/L3/TRK/3402                                                                                                                                           | Track                            | Requirement to U18 test all HRW                                                                                                                                                                                                                                                  | Removal of the requirement to U18 test all HRW. This was introduced in lieu of historical data at the point of product approval.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Accepted              |
| CHL/113 | 21/08/2024    | NR/L2/TRK/2102                                                                                                                                           | Track                            | Requirement to provide 2 sleepers of the same material and depth on each side of an ordinary fishplated joint.                                                                                                                                                                   | Needs to be clear that it is not only insulated fishplates which require 2 sleepers of the same material and depth on each side, and that ordinary fishplated joints also carry this requirement.                                                                                                                                                                                                                                                                                                                                                                                                                                   | Accepted              |
| CHL/114 | 23/08/2024    | NR/L2/SIG/11201                                                                                                                                          | Signalling                       | Appendix D D1.1                                                                                                                                                                                                                                                                  | Appendix mandates depiction of controls to be followed when modifying existing control centres. This creates confusion when partial modifications will be carried out. Either change the text or RAG status of the Appendix D.                                                                                                                                                                                                                                                                                                                                                                                                      | Accepted              |
| CHL/115 | 29/08/2024    | NR/L2/OHS/019                                                                                                                                            | Workforce Safety                 | Clause 5.1.1 A Change in Person In Charge                                                                                                                                                                                                                                        | Clause refers to the PIC & COSS always being the same individual. The wording to be amended to demonstrate that when there is 'suitable competence/experience/knowledge to delegate specific task risks' then this can be done so. Operational and Site can remain the same.                                                                                                                                                                                                                                                                                                                                                        | Not Proceed           |
| CHL/116 | 11/09/2024    | NR/L2/TRK/2102                                                                                                                                           | Track                            | Clause 12.1                                                                                                                                                                                                                                                                      | Adjust Clause 12.1 so that it no longer makes reference to a minimum number of sleepers per length. Rather it should stipulate a minimum sleeper spacing that is required as part of the conversion. Clause 12.2 can remain with the minimum rail length required.                                                                                                                                                                                                                                                                                                                                                                  | Not Proceed           |
| CHL/117 | 25/09/2024    | NR/L3/TRK/2049                                                                                                                                           | Track                            | Discrepany in the way highways level crossings are categorised from 1-3. IE: in 2049 the level crossing is categorised based on the number of vehicle crossings per day whereas TRK/4041 stipulates the category as being determined by the type of vehicle to use the crossing. | Both standards to be aligned in how level crossings are categorised and for TRK/2049 to reference the process of categorisation with regard to NR LX stakeholder engagement as per TRK/4041                                                                                                                                                                                                                                                                                                                                                                                                                                         | Accepted              |
| CHL/118 | 09/10/2024    | NR/L2/TRK/2102                                                                                                                                           | Track                            | 1) Phrasing of the standard is ambiguous which makes abiding by it difficult. The way the overlap is defined is unclear.<br>2) Reason given behind the clause is out of date.                                                                                                    | 1) 'changes in horizontal alignment should not overlap with changes in vertical alignment', should be rephrased as 'horizontal transition elements or horizontal virtual transitions should not overlap with vertical curves'.<br>2) 'this is to aid with setting out and the implementation of tamping designs', should be rephrased as 'this is related to passenger comfort'. Clause should be expanded to state when an overlap is present the Rate of change of cant & deficiency for the horizontal transition & the change in %g for the vertical curve should be in line with maximum values stated in TRK/2102 & TRK/2049. | Accepted              |
| CHL/119 | 09/10/2024    | NR/L2/TRK/2102                                                                                                                                           | Track                            | Contradiction between clause 8.5.7 & 8.5.10.                                                                                                                                                                                                                                     | Clause 8.5.7 & 8.5.10 are better aligned to remove the contradiction. Clause 8.5.10 to state that cant deficiency & rate of change of cant deficiency are to adhere to the limits of Table 12 & Table 13 in clause 8.5.7. However if there is a specific reason why the cant deficiency must be limited to 55/75mm above cant for line speed improvement schemes, the reason be explained more clearly.                                                                                                                                                                                                                             | Not Proceed           |
| CHL/120 |               |                                                                                                                                                          |                                  |                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |
| CHL/121 | 18/10/2024    | NR/L2/MTC/089                                                                                                                                            | Maintenance                      | AMP deliverables to include a EMC DoC as a deliverable.                                                                                                                                                                                                                          | Addition of EMC DoC to Form 8.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Not Proceed           |
| CHL/122 | 23/10/2024    | NR/L2/SIG/11201                                                                                                                                          | Signalling                       | Missing description relating to Buffer stop example symbol (d)                                                                                                                                                                                                                   | Include the appropriate description for the symbol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Accepted              |
| CHL/123 | 24/10/2024    | NR/L3/TRK/7013                                                                                                                                           | Track                            | Table 6, Inspection frequencies                                                                                                                                                                                                                                                  | Table 6 is amended in line with TRK/001 Module 4 Clause 11.2 that only requires follow up inspections for clamped joints.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Not Proceed           |
| CHL/124 | 24/10/2024    | NR/SP/ELP/21014                                                                                                                                          | Electrical                       | Very Low Frequency (VLF) testing of High Voltage XLPE cables instead of DC testing.                                                                                                                                                                                              | A Technical (TI) or Special Change (LI) to clarify that VLF testing should be carried out instead of DC testing as this can shorten the life span of the cables.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Accepted              |
| CHL/125 | 25/10/2024    | NR/L3/TRK/1020 - Track Hand Back for Projects: Confirming track is safe for opening at the selected line speed after projects engineering work [Issue 1] | Track                            | Table 7                                                                                                                                                                                                                                                                          | The Authority level required for Activity 3 is not consistent with the levels shown on the Certificate of Competence TEF3306. Clarification as to whether it is required to hold Authority Level 1 or Level 2-4 for this activity                                                                                                                                                                                                                                                                                                                                                                                                   | Accepted              |
| CHL/126 | 31/10/2024    | NR/L2/RSE/100 - Network Rail Assurance Panel Processes [Issue 8]                                                                                         | Systems Engineering              | Reference to 'National Supply Chain' which no longer exists.<br>Clause refers to PE-MS-005 which is incorrect. The reference should be to NR/L3/SCO/311/04                                                                                                                       | Amend to 'Route Services'.<br>Amend the wording to the following Clause.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Accepted              |
| CHL/127 | 08/11/2024    | NR/L2/SIG/14201 - Signalling Risk Assessment Handbook [Issue 5]                                                                                          | Signalling                       | The SORAT programme.                                                                                                                                                                                                                                                             | Propose amending the programme to focus on risk based reassessment rather than time based.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Not Proceed           |
| CHL/128 | 11/11/2024    | NR/L2/RSE/02009 - Engineering Management for Projects [Issue 8]                                                                                          | Systems Engineering              | Standard mandates using a specific form, not an electronic version or supplier created equivalent. F0042 needs to be used, where an electronic capture and display option would reduce duplication but still offer the assurance.                                                | Propose electronic versions equivalent to F0042 are acceptable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Accepted              |
| CHL/129 | 11/11/2024    | NR/L2/RSE/02009 - Engineering Management for Projects [Issue 8]                                                                                          | Systems Engineering              | Standard mandated form (F0039,F0040)                                                                                                                                                                                                                                             | Allow the use of a contractor produced form as they have already done the same checks before proposing the individual, then NR can review and countersign to accept saving the need to copy data to the NR forms                                                                                                                                                                                                                                                                                                                                                                                                                    | Accepted              |
| CHL/130 | 18/11/2024    | NR/L3/CIV/151 - Application of Standard Designs and Details for Building and Civil Engineering Works [Issue 8]                                           | Buildings & Civils               | 6.4.3 (Secondary Containment)<br>6.2 Fuse Connection- Form<br>6.3 Fuse Load Factors<br>Clause 5.2-Use of Packing Shims<br>6.4.1 & 6.4.4-Enabling Safer Inspections<br>Section 8- Repair/Maintenance                                                                              | Various changes proposed. See Challenge for full list.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Accepted              |
| CHL/131 | 18/11/2024    | NR/L3/CIV/006 - Structures, Tunnels and Operational Property Examinations Manual [Issue 12]                                                              | Buildings & Civils               | CPBs. Particular points of concerns are:<br>-Beam -bracket bolted connections<br>-Grouted anchors<br>-Beam (Where designed as a fuse as per BD65/97 & BD65/14).                                                                                                                  | Examination Requirements for bridges with CPBs should be reflected in NR/L3/CIV/006/1A, NR/L3/CIV/006/1B and NR/L3/CIV/006/2D- Section 7. .<br><br>NR/L3/CIV/076/02 (As a requirement of Rapid Response Exams- CPB primary connections and any 'Structural Fuse' requires at least a visual examination)                                                                                                                                                                                                                                                                                                                            | Accepted              |
| CHL/132 | 19/11/2024    | NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]                                                                                                  | Signalling                       | Confusion around documentation under FED.                                                                                                                                                                                                                                        | Clarification in alignment with Testing and Design Standards, the exact copies required for site to avoid any deviations between different Routes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Accepted              |
| CHL/133 | 20/11/2024    | NR/L2/RMVP/27035 - Depot Protection Systems [Issue 2]                                                                                                    | Rail Mounted Vehicle Plant       | Entire depot protection system has to be brought up to compliance with the latest version of standard if any change is made.                                                                                                                                                     | Reword the scope so that only the changes made to the system need to comply with the current requirements of the standard. Also review some of the language used for example 'fitted for new'.                                                                                                                                                                                                                                                                                                                                                                                                                                      | In Progress           |
| CHL/134 | 22/11/2024    | NR/L2/ELP/40068 - Principal Supply Point (DNO + DG) Specification [Issue 1]                                                                              | Electrical                       | The autonomy time of 10mins is excessive and drives additional capital and operational costs for batteries and battery enclosures/rooms.                                                                                                                                         | Reduction in autonomy figure either to a project specific value to be determined on a site by site basis considering the whole system, e.g. the supply and the operational load. Alternatively a revised figure of 5mins.                                                                                                                                                                                                                                                                                                                                                                                                           | Accepted              |
| CHL/135 | 04/12/2024    | NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]                                                                                                  | Signalling                       | Form A' is a RED clause.                                                                                                                                                                                                                                                         | Design Remit Form A' should be removed from the red clause and made amber or green. This allows for proposed alternative forms to be produced.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Accepted              |
| CHL/136 | 05/12/2024    | NR/L2/TRK/3204 - Gauging Management [Issue 1]                                                                                                            | Track                            | The use of manually propelled track trollies with rotary laser profilers together with bespoke software to be used for gauging structures and platforms.                                                                                                                         | That the list of survey methods be expanded to include the use of approved track measuring devices (TMDs).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Not Proceed           |
| CHL/137 | 09/12/2024    | NR/L3/TRK/3510 - Rail Friction Management [Issue 3]                                                                                                      | Track                            | Initial and final inspection frequencies.                                                                                                                                                                                                                                        | Allow lubrication inspection frequencies to be set by risk, assessing the assets based on usage, maintenance history and reservoir capacity. The inspection frequencies can be pushed out from 56 or 91 to a maximum of 182 days when the evidence supports a longer inspection frequency.                                                                                                                                                                                                                                                                                                                                          | Accepted              |
| CHL/138 | 09/12/2024    | NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]                                                                                                  | Signalling                       | Clause 10.1.2.                                                                                                                                                                                                                                                                   | Clause be amended/updated to remove the requirement of 'SIL1 safety related' for the auto lower strike-in function. Or alternatively clear rationale is provided to demonstrate that the function is required to be safety related and at least SIL1.                                                                                                                                                                                                                                                                                                                                                                               | Accepted              |
| CHL/139 | 09/12/2024    | NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]                                                                                                  | Signalling                       | Clause 21.5.1 - ASM design.                                                                                                                                                                                                                                                      | Clause should be amended/updated to be more generic, specifying the objective of ensuring down detection integrity, reflecting the fact that there are multiple methods of achieving this.                                                                                                                                                                                                                                                                                                                                                                                                                                          | Accepted              |
| CHL/140 | 10/12/2024    | NR/L3/TRK/2049 - Track Design Handbook [Issue 14]                                                                                                        | Track                            | Current definition of a green clause.                                                                                                                                                                                                                                            | Update to the definition of green guidance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Not Proceed           |
| CHL/141 | 12/12/2024    | NR/L2/RMVP/0200 - Infrastructure Plant Manual [Issue 13]                                                                                                 | Rail Mounted Vehicle Plant       | Crane Operator competence training.                                                                                                                                                                                                                                              | An extension to the implementation of this clause to enable time for compliance requirements to be met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Not Proceed           |
| CHL/142 | 12/12/2024    | NR/L2/TRK/0032 - Joining Of Rails By Aluminothermic Welding [Issue 7]                                                                                    | Track                            | Aluminothermic welds shall be inspected within 4 weeks of casting by a qualified inspector.                                                                                                                                                                                      | Reduce the requirement for the final weld inspection for ALL cast welds, only 50% of welds cast require a final inspection.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Accepted              |
| CHL/143 | 17/12/2024    | NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]                                                                                                  | Signalling                       | TSR/ESR designs being carried out by NR staff with a central register for UK wide designs. There is a danger that TSRs are issued with a duplicate number.                                                                                                                       | Standard is overly prescriptive, should state that each TSR and ESR design is given a unique number.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Not Proceed           |

| ID      | Date Received | Standard Challenged                                                                                     | Primary Standards Steering Group | Subject                                                                                                                                                                                                                                                                                                                                                                       | Simplified Summary of Challenge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Current Process Stage     |
|---------|---------------|---------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| CHL/144 | 17/12/2024    | NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]                                                 | Signalling                       | Nature of the requirements for an equipment table on TSR and ESR designs.                                                                                                                                                                                                                                                                                                     | Some flexibility in the requirements for and equipment list that would allow TSR and ESR designs to be relevant to a client's requirements. The layout provides the running order, intent and mileages, so it should be unnecessary to repeat this in the equipment list.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Not Proceed               |
| CHL/145 | 17/12/2024    | NR/L3/CIV/020 - Design of Bridges [Issue 1]                                                             | Buildings & Civils               | Contradiction this standard and TRK/2102 re minimum ballast depth.                                                                                                                                                                                                                                                                                                            | 1) Update CIV/020 to align with minimum ballast depths required in TRK/2102; OR<br>2) Update TRK/2102 to quote minimum ballast depth required by CIV/020 at new underline structures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Accepted                  |
| CHL/146 | 19/12/2024    | NR/L2/OHS/003 - Fatigue Risk Management [Issue 9]                                                       | Workforce Safety                 | Use of a calculator as part of fatigue management.                                                                                                                                                                                                                                                                                                                            | Allow contractors to maintain their own RISQS approved methodology as per the guidance issued by the ORR - the calculator is neither specific to rail nor the individual nature of contractor works (all jobs are different levels of risk, which by law the employer MUST be assessing anyway (this is identified in the new ORR guidance too)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Not Proceed               |
| CHL/147 | 27/12/2024    | NR/L2/RMVP/0200 - Infrastructure Plant Manual [Issue 13]                                                | Rail Mounted Vehicle Plant       | Clause Numbering                                                                                                                                                                                                                                                                                                                                                              | Minor improvement to clause numbering, clause 4.1 has two sets of clauses both with similar identities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Not Proceed               |
| CHL/148 | 27/12/2024    | NR/L2/ELP/27716 - Electrical and mechanical clearances on overhead electrified railways [Issue 1]       | Electrical                       | Unnecessary complexity                                                                                                                                                                                                                                                                                                                                                        | Refers to a standard that is not available for general access and the value in question therefrom (3925mm) as quoted is not relevant to standard NR infrastructure. Also, EHQ/ST/O/003 & NR/L2/ELP/2721 could be superseded or merged (as appropriate) into 21088 mod 06.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Not Proceed               |
| CHL/149 | 03/01/2025    | NR/L2/TRK/2500 - Engineering Assurance Arrangements for the Design and Construction of Track [Issue 4]  | Track                            | Acceptance of single option at end of ES3.                                                                                                                                                                                                                                                                                                                                    | NR/L2/TRK/2500 be updated to include a mandatory requirement for Regional Engineer acceptance of the selected option at ES3 and an associated Track Engineer Form (TEF) to record the acceptance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Accepted                  |
| CHL/150 | 06/01/2025    | NR/L2/OTK/5100 - Boundary Measure Management Manual [Issue 5]                                           | Off Track                        | Alternative approach - improvement of design by providing an environmentally friendly and reduced manual handling weight option to the current standard concrete foundation.                                                                                                                                                                                                  | A hydrophobic polyurethane foam, to be identified as an alternative option to the standard postmix concrete that is currently identified.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Not Proceed               |
| CHL/151 | 07/01/2025    | NR/L2/OHS/020 - Track Visitor Permits (formerly RT/LS/S/020) [Issue 5]                                  | Workforce Safety                 | Section 8c) and Section 8b) - live conductor rails.                                                                                                                                                                                                                                                                                                                           | Section 8c) Minor work in Red Zones states "here shall be no live conductor rails at the site of work;" There may be scenarios within Section 8b) Specialist or Minor work in Green Zones where there is a live DC Floater present within a green zone.<br><br>Section 8b should additionally state that no work should take place in and around the live DC Floater where staff are undertaking an activity.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Accepted                  |
| CHL/152 | 08/01/2025    | NR/L2/ELP/27716 - Electrical and mechanical clearances on overhead electrified railways [Issue 1]       | Electrical                       | Magnetic field limit of 360uT                                                                                                                                                                                                                                                                                                                                                 | Clarify that the 360uT shall be used only in areas where general public has access to. In all other areas, where only occupational exposure is expected the 1000 uT limit (from the RSSB document) should be used.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Accepted                  |
| CHL/153 | 10/01/2025    | NR/L3/ELP/27720 - Test Before Touch for Overhead Line Equipment [Issue 1]                               | Electrical                       | Change of Method (2) requested (to Method 4) on planned works without consultation with supplier.                                                                                                                                                                                                                                                                             | Method 4 should either be removed or made more robust and stipulate that it is only to be used in emergencies or if anything has changed on the shift and not for planned work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | In Progress               |
| CHL/154 | 14/01/2025    | NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]                                                 | Signalling                       | Guidance for designers regarding the provision of dark mode control circuits.                                                                                                                                                                                                                                                                                                 | Standard to include guidance as follows:<br>For level crossings with continuous train detection conditions b) and c) are appropriate ie. controls require b) or c).<br>For level crossings without continuous train detection conditions a) and b) are appropriate ie. controls require a) or b).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Accepted                  |
| CHL/155 | 17/01/2025    | NR/L3/SIG/10663 - Signal Maintenance Specifications [Issue 18]                                          | Signalling                       | Red Clause - Gearbox must be replaced following run through before the HPSA is returned to service.                                                                                                                                                                                                                                                                           | Consideration is made for trailing points, provided some criteria are met relating to management of related defects, to allow for a time bound return to service ahead of gear box replacement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Accepted                  |
| CHL/156 | 29/01/2025    | NR/L2/RSE/02009 - Engineering Management for Projects [Issue 8]                                         | Systems Engineering              | NR Specific forms.                                                                                                                                                                                                                                                                                                                                                            | The use of NR Specific forms means duplicating a Contractor form that has the same info as the NR forms. Use the best form for the job from either organisation, with NR countersigning for acceptance if the Contractor Forms are used                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Accepted                  |
| CHL/157 | 04/02/2025    | NR/L3/TRK/2049 - Track Design Handbook [Issue 14]                                                       | Track                            | Definition of the Principle of Virtual Transition.                                                                                                                                                                                                                                                                                                                            | The definition makes reference to "angular velocity". This parameter is not used in Track Design and has no relevance for the variation of the lateral acceleration (and hence of the cant deficiency) around the point of spot curvature change. The definition is misleading and geometrically incorrect.<br><br>Replacement of this rule with EN norm equivalent.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Accepted                  |
| CHL/158 | 04/02/2025    | NR/GN/CIV/200 - Station Design Manual [Issue 10]                                                        | Buildings & Architecture         | Guidance contradicts with the requirements of the Persons of Reduced Mobility National Technical Specification Notice (PRM NTSN (2021)).                                                                                                                                                                                                                                      | Grid sizes are mandated by BS EN 12464, not 'recommended' as stated, and the guidance should include that 'if the ratio of the longer to the shorter side is 2 or more then becomes the shorter dimension of the area as stated in BS EN 12464 parts 1 and 2. The implications of this are significant as for a 100 m long platform (4 m wide), then the grid size would be 5 m incorrectly using d = 100 m instead of the maximum grid size being 0.4 m using d = 4 m.<br>The final paragraph of 6.2.3 states: For platforms, it is recommended that illuminance measurements should be taken using a 1.0 m x 1.0 m grid across a platform and along its length. This is contradictory to the earlier NR guidance on grid sizes and is non-compliant with the requirements of the PRM NTSN as the platform width would be required to be at least 10 m wide for a 1.0 m grid size. | Accepted                  |
| CHL/159 | 04/02/2025    | NR/L3/TRK/2049 - Track Design Handbook [Issue 14]                                                       | Track                            | Math rules introduced in 2015 from the old handbook No 3, referring to how to manage short segments of elements between curves.                                                                                                                                                                                                                                               | Removal of the entire section of the standard that was copied from Handbook No 3 and were not present in the previous version of TRK2049 - issue 12 - June 2010.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Accepted                  |
| CHL/160 | 04/02/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 12]                                            | Track                            | Section 5.11 Switches and crossings                                                                                                                                                                                                                                                                                                                                           | Cant deficiency.<br>Removal of Note 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Accepted                  |
| CHL/161 | 05/02/2025    | NR/L3/TRK/2049 - Track Design Handbook [Issue 14]                                                       | Track                            | The Tables that define the Standard Circular Curve turnouts.                                                                                                                                                                                                                                                                                                                  | Reconsider limits and align with international practice.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Accepted                  |
| CHL/162 | 05/02/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 12]                                            | Track                            | Virtual Transition.                                                                                                                                                                                                                                                                                                                                                           | The standard should make a clear difference between the alignment element where the curvature changes - the spot radius change - and the calculation method.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Accepted                  |
| CHL/163 | 06/02/2025    | NR/L3/TRK/2049 - Track Design Handbook [Issue 14]                                                       | Track                            | Switches - Effective Radius                                                                                                                                                                                                                                                                                                                                                   | Remove the section Switches - Effective Radius from the standard.<br>Remove any reference to calculating a "theoretical cant deficiency" using this method.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Accepted                  |
| CHL/164 | 10/02/2025    | NR/L3/TRK/1300 - Re-profiling and Grinding of Running Rails, including Switches and Crossings [Issue 1] | Track                            | Switches & Crossings have been included in this clause.                                                                                                                                                                                                                                                                                                                       | Removal of the text "Switches and Crossings" from the clause                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | More Information Required |
| CHL/165 | 13/02/2025    | NR/L3/SIG/10064 - General Instructions to Staff Working on S&T Equipment [Issue 12]                     | Signalling                       | Document requires that structures have to be multiple colours as per section 5.3 but can be a single colour for Newly galvanised surfaces clause 5.5                                                                                                                                                                                                                          | Reduction in the number of colours which will simplify the painting process to omit black foundation bases, handrails, railings, safety hoops and brackets see clause 5.3 item c<br>Signal structures should be painted in one colour, this is already permitted under clause 5.5 for newly galvanised surfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Not Proceed               |
| CHL/166 | 13/02/2025    | NR/L2/OHS/022 - Working Safely at Height [Issue 2]                                                      | Workforce Safety                 | Use of harnesses in scissor lifts                                                                                                                                                                                                                                                                                                                                             | IPAF (International Powered Access Federation) and other industry standards, advocate for risk-based assessments rather than blanket requirements.<br>A revised risk based approach could enhance both safety and operational efficiency.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Not Proceed               |
| CHL/167 | 13/02/2025    | NR/L2/SIG/30014 - Signal Works Testing Handbook [Issue 23]                                              | Signalling                       | Naming convention used for the axle counter strike-in & Strike-out detection units.                                                                                                                                                                                                                                                                                           | D120/TS14-42 (Typical two track Schweizer Electronic Vamos System) is amended to suit the typical layout design presented by the typical Vamos template, used in the SOD design.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Accepted                  |
| CHL/168 | 13/02/2025    | NR/L2/XNG/30020 - Level Crossings Design Handbook [Issue 4]                                             | Level Crossings                  | This document is now being produced by Designers/ Project delivery teams outside of NR. As such the producer, and audience (Reviewers etc.) has changed.                                                                                                                                                                                                                      | G22/F01 and G22/F02 reviewed and amended considering the changes in the documents use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Accepted                  |
| CHL/169 | 13/02/2025    | NR/L2/XNG/30020 - Level Crossings Design Handbook [Issue 4]                                             | Level Crossings                  | Standards (30020/R03 & 11201_X40) are in direct conflict with each other.<br>R03 states - "Where MSLs are provided on the approach side then the decision point from which the MSL is visible to users before they decide to pass it"<br>X40 states - "When positioned on the approach side of the crossing, the position of the MSL visual indicator is the decision point". | The standards are reviewed, and a consistent approach should be agreed with the correct document being amended to suit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Accepted                  |

| ID      | Date Received | Standard Challenged                                                                                                                 | Primary Standards Steering Group    | Subject                                                                                                                                                                                                                                                                                                                                                        | Simplified Summary of Challenge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Current Process Stage           |
|---------|---------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| CHL/170 | 18/02/2025    | NR/L3/SCO/311 - Supply Chain Operations, T&RS and OTM Engineering and Management Manual [Issue 5]                                   | Supply Chain Operations             | Clause 6 prescribes "The Asset Engineer shall establish and regularly review and update a risk record covering all risks associated with the fleets Operation and Maintenance".                                                                                                                                                                                | This is unachievable.<br>The ownership of risk identification, risk management and risk mitigation needs to be more intelligently thought through, allocated and applied between the business, engineering and production services community and assigned to posts that hold the relevant competence and authority changing the organisation structure as and where may be necessary.                                                                                                                                                                                                                                                                                                                                                                              | In Progress                     |
| CHL/171 | 20/02/2025    | NR/L2/SIG/30009 - Signalling Principles Handbook [Issue 29]                                                                         | Signalling                          | Platform OFF indicator.<br>Banner Repeaters                                                                                                                                                                                                                                                                                                                    | Prove the Main Signal alight in the OFF indicator controls.<br>Prove the Banner controlling relay energised in the signal OFF indication, where the Banner is associated with a Main Signal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Not Proceed                     |
| CHL/172 | 21/02/2025    | NR/L2/SIG/30009 - Signalling Principles Handbook [Issue 29]                                                                         | Signalling                          | Standard is ambiguous about what point controls should be used to condition out overlap track clear tests.                                                                                                                                                                                                                                                     | An update to the principle is required to clarify the controls required. The result could affect other standards (especially SSI).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Accepted                        |
| CHL/173 | 21/02/2025    | NR/L2/CIV/003 - Engineering and Architectural Assurance of Building and Civil Engineering Works [Issue 8]                           | Buildings & Civils                  | There is ambiguity about the use of the simplified Technical Approval process (aka Form H) for simple design submissions.                                                                                                                                                                                                                                      | DCC0 defines a simple design to be submitted under a Form H, but the use of a Form H for such designs is then heavily caveated in various other parts of the standard in terms of other risks or permissions that may apply. This is particularly so for DCC0 temporary works designs.<br>The wording in the standard should be amended to provide a consistent thread for DCC0 submissions, to explain that the use of the Form H is to manage the assurance of simple designs where there is a risk to the operational railway.                                                                                                                                                                                                                                  | Accepted                        |
| CHL/174 | 03/03/2025    | NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]                                                                             | Signalling                          | Clause 9.2                                                                                                                                                                                                                                                                                                                                                     | Proposal to amend a 'red' clause to be 'amber'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Accepted                        |
| CHL/175 |               |                                                                                                                                     |                                     |                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                 |
| CHL/176 | 05/03/2025    | NR/L2/RMVP/0200 - Infrastructure Plant Manual [Issue 15]                                                                            | Rail Mounted Vehicle & Plant        | 5.2 Placing Road Rail Access Points                                                                                                                                                                                                                                                                                                                            | Clarity on why rail joints are permitted in sidings under risk assessment, but aluminothermic welds are not, given that welds are typically stronger than rail joints?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Not Proceed                     |
| CHL/177 | 10/03/2025    | Form RT3199 - Work-site Certificate [Issue Dec-20]                                                                                  | Operations Principles and Standards | THE REMOVAL OF THE SENTENCE "a separate certificate must be completed for each affected by the work" FROM THE RT3199 FORM                                                                                                                                                                                                                                      | AS HB12 DOES NOT STIPULATE THAT A SEPERATE CERTIFICATE IS REQUIRED FOR EACH LINE IN THE WORKSITE, THE SENTENCE NEEDS TO BE REMOVED FROM RT3199.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | In Progress                     |
| CHL/178 | 11/03/2025    | NR/L2/SCO/311 - Supply Chain Operations, T&RS and OTM Engineering and Management Manual [Issue 5]                                   | Supply Chain Operations (SCO)       | Clause 4.3                                                                                                                                                                                                                                                                                                                                                     | Rail vehicle engineering, knowledge and fleet experience should be available as an alternative means to determine the review frequency without the introduction of a risk assessment that carries little or no material value.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | In Progress                     |
| CHL/179 | 13/03/2025    | NR/L2/OHS/00130 - Creating a Site of Work Segregated from the Railway [Issue 3]                                                     | Workforce Safety                    | 'General' (2 Scope, 4 Definitions, 6 Applicability / Figure 1 Decision Tree)                                                                                                                                                                                                                                                                                   | Section - 2 Scope - The Manual applies, clause b) change to: b) all works where Network Rail is the promoter or client under CDM.<br>Section 4 definitions, add: Definition for "Promoter & CDM Client": Promoter = The organisation the finances the project. CDM Client = The organisations for whom a construction project is carried out.<br>Add to NRMI definition: NRMI (add to existing) = Franchised (Train Operator Company) controlled train stations platforms shall be considered NRMI when Network Rail is the Promoter or Client.<br>Section 6 Applicability - add Note at bottom of paragraph.                                                                                                                                                      | Accepted                        |
| CHL/180 | 18/03/2025    | NR/L2/OHS/020 - Track Visitor Permits (formerly RT/LS/S/020) [Issue 5]                                                              | Workforce Safety                    | Applying for a TVP via the NCCA website                                                                                                                                                                                                                                                                                                                        | Update to reference the new process for obtaining a TVP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Accepted                        |
| CHL/181 | 18/03/2025    | NR/L2/RSE/02009 - Engineering Management for Projects [Issue 8]                                                                     | Systems Engineering                 | Aligning the use of Technical Queries and Requests for Information with NEC 3/4 contracts.                                                                                                                                                                                                                                                                     | NR/L2/RSE/02009 is not aligned with NEC 3 or 4 contracts which are now the main type of contract utilised on Network Rail projects.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Not Proceed                     |
| CHL/182 | 25/03/2025    | NR/L2/RSE/100 - Network Rail Assurance Panel Processes [Issue 9]                                                                    | Systems Engineering                 | Reviewing above the standards it is implicit that projects that do not make changes to railway system compatibility, operation or maintenance are not required to make an NRAP application, no not require SRP review and sit outside of the CSM regulations.                                                                                                  | Better definition of 'change' as 'Any modification(s) to the railway system functionality or compatibility following temporary or permanent EIS.'<br>Clarification that 'Manging, maintaining and integrating with existing system interfaces is not a system change.'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Not Proceed                     |
| CHL/183 | 27/03/2025    | NR/L2/TEL/30185 - Principles for Operational Telecommunications, Signalling and E&P Sub-Access Internet Protocol Networks [Issue 1] | Telecommunications                  | Clauses 12d, 12e and 12f make reference to a NRT (now DDaT) central system for the remote management of devices.<br>Currently, this central system is not available as an offering from DDaT.                                                                                                                                                                  | The requirement to manage devices on the DDaT network is the correct approach and should be implemented however, as the central management system is not currently in place and it is unclear when this will be introduced, we do not believe it reasonable to have a mandated clause that cannot be complied with.                                                                                                                                                                                                                                                                                                                                                                                                                                                | In Progress                     |
| CHL/184 | 31/03/2025    | NR/L2/OHS/00120 - Drugs and Alcohol Standard [Issue 8]                                                                              | Health and Wellbeing                | Issue 8 introduces sweeping restrictions on medications by redefining "legitimate medical reason" to exclude all unlicensed treatments or medications.                                                                                                                                                                                                         | A retraction & thorough review - incorporating subject matter experts, medical, legal, and employee insights.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Not Proceed - Decision Appealed |
| CHL/185 | 31/03/2025    | NR/L2/OHS/00120 - Drugs and Alcohol Standard [Issue 8]                                                                              | Health and Wellbeing                | Conflict with the Equality Act (2010) arising from the "legitimate medical reason" definition and blanket bans described within the standard, as well as planned suspensions from duty with predicable non-negative test results where impairment has already been assessed and the more general poor wording with unclear means of monitoring for compliance. | The update is withdrawn, redrafted with the support of suitable subject matter experts to reduce the risk of discrimination, smooth non-negative test result management with clear English clauses and controls.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Not Proceed - Decision Appealed |
| CHL/186 | 02/04/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]                                                                        | Track                               | Provision of a Track Engineering Form (TEF)                                                                                                                                                                                                                                                                                                                    | To provide a TEF for the assessment of sites for guard rails                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Accepted                        |
| CHL/187 | 02/04/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]                                                                        | Track                               | Remove or modify the amber and green clauses related to the modelling of curvature and cant (Vehicle track interaction modelling software)                                                                                                                                                                                                                     | Replace with guidance for cant / deficiency ratios and for the selection of premium grade rails.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Accepted                        |
| CHL/188 | 02/04/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]                                                                        | Track                               | Challenge in line with MVP                                                                                                                                                                                                                                                                                                                                     | Remove the requirements of this section for horizontal alignment requirements for new construction or change from amber to green clauses.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Accepted                        |
| CHL/189 | 02/04/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]                                                                        | Track                               | Challenge in line with PACE                                                                                                                                                                                                                                                                                                                                    | Change the definition of new construction to "construction of a new railway where no railway has previously existed. The provision of additional track(s) alongside an existing railway shall not be considered as new construction. The reinstatement of track(s) on a previously abandoned or mothballed formation shall not be considered as new construction".<br>• Current definition also includes the term abandoned formation. When reinstating track(s) on a mothballed route, it may not be possible or reasonable to comply with some of the new requirements of section 7, particularly horizontal alignment requirements (section 7.2) and the stiffness of the track system (section 7.7) which are more onerous than the requirements for renewals. | Accepted                        |
| CHL/190 | 02/04/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]                                                                        | Track                               | Relaxation of requirements in line with SPEED principles.                                                                                                                                                                                                                                                                                                      | Relax the 60mph maximum speed for jointed rails less than 60ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Accepted                        |
| CHL/191 | 02/04/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]                                                                        | Track                               | Recent changes to the rule book allow for the provision of 'A boards' where there are permissible speed changes.                                                                                                                                                                                                                                               | As a consequence, the infrastructure in front of the speed board may be subjected to higher speeds than currently designed and signed for and the attainable speed in front of the speed board may be higher than at present.<br>Requirements and / or guidance are required for how this is managed in inspection, maintenance and design in order to realise these performance opportunities. Alternatively/in addition we could try can prove that the increased is attainable speed is negligible in terms of its effect on infrastructure and therefore no changes to inspection or design requirements are required however, this is likely to be untrue the longer the train is.                                                                            | Accepted                        |
| CHL/192 | 02/04/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]                                                                        | Track                               | Simplify the process for converting from mph to kph associated with ETCS introduction                                                                                                                                                                                                                                                                          | Update 2102 and revise / derogate against 5021 and the NTSN INF to say that even an exceedance of the geometry limits or limits on components occurs as a result of the conversion, that this is acceptable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Accepted                        |
| CHL/193 | 10/04/2025    | NR/L3/CIV/151 - Application of Standard Designs and Details for Building and Civil Engineering Works [Issue 8]                      | Buildings & Civils                  | SSD section A-A shows excavation sides to use slopes / benching which allows for a gradual change in track bed stiffness to reduce hard spots.                                                                                                                                                                                                                 | Create a new SSD section which shows straight excavation of UTX (no benching / sloped sides).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Accepted                        |
| CHL/194 | 17/04/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]                                                                        | Track                               | The requirement to extend premium grade rail in compound curves which are showing no wear of RCF by Track Ex                                                                                                                                                                                                                                                   | Premium grade rail would not be required on curves with a radius greater than 2500m and which are not showing side wear or RCF where the vehicle track interaction modelling software shows it is not required. Normal grade 260 R to be used.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Accepted                        |
| CHL/195 | 17/04/2025    | NR/L3/SIG/11303 - Signalling Installation (Formerly RT/E/S/11303) [Issue 9]                                                         | Signalling                          | Bead labelling is not easily compatible with the complex nature of more modern equipment terminals.                                                                                                                                                                                                                                                            | The inclusion within the standard to allow the use of the alternative methods for the labelling of wiring, including for example self adhesive wire wrap or heat shrink printed labels, however other potentially suitable methods and products exist.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Accepted                        |

| ID      | Date Received | Standard Challenged                                                                               | Primary Standards Steering Group | Subject                                                                                                                                                                                                                                                                                                              | Simplified Summary of Challenge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Current Process Stage |
|---------|---------------|---------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| CHL/196 | 23/04/2025    | NR/L1/TEL/30102 - Network Rail Asset Management Policy - Telecommunications Engineering [Issue 2] | Telecommunications               | Renewals shall provide a centrally monitored lineside telephone solution.                                                                                                                                                                                                                                            | Change to standard requirement to "optional"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | In Progress           |
| CHL/197 | 23/04/2025    | NR/L2/TRK/053 - Inspection and Repair to Control the Risk of Derailment at Switches [Issue 10]    | Track                            | Clause 4.12 for a gauge 2 failure within 40mm of switch toe - states MAC 9F - immediate ban to facing moves and weld repair switch<br>TEF3029 for this failure - states MAC 9F - immediate ban to facing moves, weld repair within seven days<br>NR/L2/TRK/001 Module 7 has the list of all MACs - 9F does not exist | Clause 4.12 is correct<br>TEF 3029 - amend wording, removing 'within seven days'<br>TRK/001 Mod 07 - add MAC 9F to table of MAC codes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Accepted              |
| CHL/198 | 28/04/2025    | NR/L2/SIG/30009 - Signalling Principles Handbook [Issue 29]                                       | Signalling                       | Clause 8.2.1.2.2: <i>Where ARFR is provided then it shall be applied following successful reset of the section</i> , is not considered suitable (on safety grounds) for relay logic based applications.                                                                                                              | Once a section has been selected for reset and successfully confirmed, aspect restriction is to be applied. Only then, with both these former conditions proved, a conditional reset pulse is sent to the FAdC. This is considered a safer design for relay based logic, as unlike the well developed and applied CBI data based logic, the potential failure modes of relay circuits can have significant differences (e.g. high resistance contact or a wire disconnected) that must be taken into consideration. Strictly following this clause in the standard could result in a successful reset (TR picks) and aspect restriction not subsequently being applied (potentially allowing the protecting signal to clear for a sweep train).                                                                                              | Accepted              |
| CHL/199 | 28/04/2025    | NR/L2/SIG/30009 - Signalling Principles Handbook [Issue 29]                                       | Signalling                       | Clause 9.2, para 5 b). "The interlocking shall reject a request to apply EPR to a section unless the following pre-requisites are met:<br>a) the section does not already have an EPR applied;<br>b) all routes into and out of the section are normal;                                                              | Specifically, the challenge relates to the proving of routes normal reading "...out of the section...".<br><br>Removal of the apparent conflict in requirements between SSIDIS-112 and K210 and consistency of application design across the Network for both relay and computer based interlockings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Accepted              |
| CHL/200 | 29/04/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]                                      | Track                            | Re-evaluate the way we calculate the rate of change of cant deficiency.                                                                                                                                                                                                                                              | Impose a limit of 25 - 30mm cant deficiency below which the Rcd should not be calculated.<br>Consider the impact of the transition shift in track design.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Accepted              |
| CHL/201 | 29/04/2025    | NR/GN/CTV/300 - Compliance Design Manual [Issue 8]                                                | Buildings & Architecture         | General on Telecoms system including Section 8.2.3, Section Section 8.6. Module contains incorrect statements.                                                                                                                                                                                                       | Amend all incorrect information related to telecoms.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | In Progress           |
| CHL/202 | 30/04/2025    | NR/L3/TRK/2049 - Track Design Handbook [Issue 14]                                                 | Track                            | Module 3 does not contain details of the latest S&C designs available.<br>Similarly module 4 does not detail all the latest sleeper types etc.                                                                                                                                                                       | Most of the details within module 03 already exists on RE/PE drawings. Use RE/PW drawings to communicate these details rather the company standard.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | In Progress           |
| CHL/203 | 30/04/2025    | NR/L3/TRK/2049 - Track Design Handbook [Issue 14]                                                 | Track                            | Table 2 out of date.                                                                                                                                                                                                                                                                                                 | Remove table 2 as the majority of this information is detailed on RE/PW's and the selection of Points Operating Equipment is governed by NR/L2/SIG/19809.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | In Progress           |
| CHL/204 | 30/04/2025    | NR/L3/TRK/2049 - Track Design Handbook [Issue 14]                                                 | Track                            | Table 1 out of date.                                                                                                                                                                                                                                                                                                 | Remove table 1.<br>NR/L2/TRK/2102 details the requirements for which suite of S&C and S&C type to use along with guidance in NR/GN/TRK/058.<br>NR/L2/TRK/2500 issue 4 removed the terms 'preferred', 'non-preferred,' 'withdrawn,' and 'obsolete' S&C within the checking and acceptance criteria with the intention to allow greater flexibility to designers to select the most appropriate geometry for each particular location and encourages the use of standard RE/PW designs (as does NR/L2/TRK/2102)                                                                                                                                                                                                                                                                                                                                | In Progress           |
| CHL/205 | 30/04/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]                                      | Track                            | To ensure consistency and best practice in the construction of ballast ramps.                                                                                                                                                                                                                                        | To provide a set of standard details for the construction of ballast ramps and a hierarchy of preferences and supporting guidance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Accepted              |
| CHL/206 | 01/05/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]                                      | Track                            | Relax the requirements for 'modelling of operational capacity'                                                                                                                                                                                                                                                       | Add additional clause to section 7.4:<br>'Modelling of operational capacity shall not be required if it can be demonstrated that:<br>a) the same services (i.e. same train type, class, consist and loading) using the proposed alignment already operate over similar curvature with similar gradients; or<br>b) modelling of other locations using trains of similar characteristics, similar curves with similar gradients has already demonstrated that such an alignment already achieves compliance with section 7.4.<br>Should there be any existing mitigations, prohibitions or restrictions on the existing alignment due to similar curvature and gradients with the proposed alignment, then these shall apply to the new alignment also unless subsequent modelling and / or designers risk assessment demonstrates otherwise.' | Accepted              |
| CHL/207 | 02/05/2025    | NR/L2/ELP/27716 - Electrical and mechanical clearances on overhead electrified railways [Issue 1] | Electrical                       | Clause 8.8.1.1 Requirements.                                                                                                                                                                                                                                                                                         | Revise to historic practice of 200mm as specified with 27715. 200mm is the appropriate minimum value for in span clearance.<br><br>In span clearance of 600mm is specified for RC conductors referenced against reference system and historic practice from standards but neither quoted standard specifies 600mm as in span clearance.<br>This clause contradicts 27715 which specifies 200mm and is understood to be the correct value.                                                                                                                                                                                                                                                                                                                                                                                                    | Accepted              |
| CHL/208 | 06/05/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]                                      | Track                            | Clauses 5 & 10                                                                                                                                                                                                                                                                                                       | Standard limits use to a restricted set of track criteria not reflective of current practice nor excellent sleeper performance. Updating the standard would address this anomaly and allow wider use of spade ended steel sleepers with significant installation and whole life financial benefits for the network.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Accepted              |
| CHL/209 | 08/05/2025    | NR/L2/SIG/30021 - Alterations to Authorised Line Speeds [Issue 2]                                 | Systems Engineering              | The Rulebook now allows the use of 'A-boards' which allow trains to accelerate to a higher speed as soon as the front of their train passes the speedboard rather than waiting until the rear of the train has passed the speedboard.                                                                                | Currently the standard does not acknowledge A-boards                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Accepted              |
| CHL/210 | 09/05/2025    | NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]                                           | Signalling                       | NR/L2/SIG/11201/ModX23 - Signalling Design: Module X23 - Level Crossings: Manually Controlled Barriers With Closed Circuit Television [Issue 1]                                                                                                                                                                      | The Standard wording restricts the use of separate CCTV columns/cameras and specifies a certain type of column which is no longer available/used<br>Use of a Product approved Assisted Lift Trunnion, Column and CCTV Bracket to mount each camera on a separate post at the LC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Not Proceed           |
| CHL/211 |               |                                                                                                   |                                  |                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |
| CHL/212 | 12/05/2025    | NR/L2/TRK/1054 - Inspection and Maintenance Procedures for Crossings in Track [Issue 6]           | Track                            | 3.2.5 Track Condition                                                                                                                                                                                                                                                                                                | Agreement within each route on which crossings require the installation of void monitoring equipment (manual or remote), based on risk of asset failure or operational criticality. Dip angle checks (either using track geometry data or straight edge measurements on site) will remain as requirements. Underside crack inspections to be carried out on assets not monitored by void meters.                                                                                                                                                                                                                                                                                                                                                                                                                                             | In Progress           |
| CHL/213 | 13/05/2025    | NR/L2/TRK/001 - Inspection and Maintenance of Permanent Way [Issue 25]                            | Track                            | NR/L2/TRK/001/Mod14 - Managing track in hot weather [Issue 9]<br>Table 6 - CRT adjustment for various track configurations and conditions - Track curvature                                                                                                                                                          | The NR standard should include furthermore values for tight radius, to keep the safe margin from the ERRI research results.<br>Suggested amendment:<br>Radius between 500m and 350m subtract 9°C<br>Radius between 350m and 250m subtract 12°C<br>For radius below 250m subtract 14°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Accepted              |
| CHL/214 | 09/06/2025    | NR/GN/OTK/5000 - Index of Off-Track and Drainage Drawings [Issue 4]                               | Off Track                        | Incorrect details provided for posts 3m<br>Spec states<br>c) posts<br>• steel<br>o section; 3925mm long 127×76×13mm UB/RS) pointed at top<br>this is incorrect<br>the steel section size this should read 127mm×76mm×13 Kg per M Kg/m                                                                                | Amend steel section size to 127mm×76mm×13 Kg/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | In Progress           |
| CHL/215 | 11/06/2025    | NR/L2/TRK/0032 - Joining Of Rails By Aluminothermic Welding [Issue 7]                             | Track                            | Extend the timescale of which Non-compliant welds should be inspected.                                                                                                                                                                                                                                               | Inspect welds in the timescale given below.<br>NC welds reported as 2/3C defects we would have 2 weeks to inspect.<br>NC welds reported as 2H defects we would have 7 days to inspect.<br>NC welds reported worse than 2H ( 2B, 2A, 1A, 2BW1, 1BW1) defects inspect within 48 hours as per current standard.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Accepted              |

| ID      | Date Received | Standard Challenged                                                                                                                                      | Primary Standards Steering Group     | Subject                                                                                                                                                                                                                                                                                               | Simplified Summary of Challenge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Current Process Stage           |
|---------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| CHL/216 | 11/06/2025    | NR/L2/OHS/00120 - Drugs and Alcohol Standard [Issue 8]                                                                                                   | Health and Wellbeing                 | Clause 10.8.4                                                                                                                                                                                                                                                                                         | Clause 10.8.4 restricts disclosure of the drug identified at the POCT stage, even to the donor. However, the collection of this information constitutes processing of special category data (health data), and as such is subject to the principles of lawfulness, fairness, and transparency under Article 5(1)(a) of the UK GDPR and the Data Protection Act 2018.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Not Proceed - Decision Appealed |
| CHL/217 | 14/06/2025    | NR/L3/TRK/3510 - Rail Friction Management [Issue 3]                                                                                                      | Track                                | Clause 8.1 mandates the requirement to decommission traction gel applicators by 31st January each year                                                                                                                                                                                                | Proposed amend wording to 'TGA systems should be decommissioned by 31st January'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Accepted                        |
| CHL/218 | 17/06/2025    | NR/L2/CIV/035 - Management of Structures [Issue 2]                                                                                                       | Buildings & Civils                   | NR/L2/CIV/035/Mod02 - Carry Out Structural Assessment [Issue 1]<br>Clause 6.8 Risk Assessment                                                                                                                                                                                                         | The clause makes reference to NR/L3/CIV/021, which has not been published and is no longer planned to be.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Accepted                        |
| CHL/219 | 17/06/2025    | NR/L2/ELP/21088 - General Maintenance Parameters for Overhead Line Electrification Equipment [Issue 4]                                                   | Electrical                           | NR/L2/ELP/21088/02 - Mark 1 Maintenance Parameters [Issue 1]<br>Clause 10                                                                                                                                                                                                                             | Update Table 7 to reflect the minimum stagger data in live standard NR/L2/ELP/27212 and explain that the data provided for A660, A660A, A665 and A665A arms is for the pull off condition.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | In Progress                     |
| CHL/220 | 18/06/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]                                                                                             | Track                                | There is very little in NR standards which documents the roles, responsibilities and requirements in respect of assessing existing assets for a change in use, for example linespeed increases, changes in EMGTPA or track cat, changes in rolling stock type or length.                              | A new standard of requirements and guidance for assessing the impact of changes on existing infrastructure to either a) demonstrate suitability or b) identify where intervention is required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Not Proceed                     |
| CHL/221 | 18/06/2025    | NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]                                                                                                  | Signalling                           | NR/L2/SIG/11201/ModX21 - Level Crossings: Manually Controlled Barriers With Obstacle Detector [Issue 5]<br>Issue 3 - 2.1.3: ''Where the route has not been set beyond the signal, the barriers shall not descend, and the RTLs shall automatically extinguish after a time (default of 30 seconds).'' | Stowmarket controls should initiate a full level crossing closure sequence (i.e. upon detection of a train at the Stowmarket Strike-In, the sequence will be initiated, illuminating the amber road traffic lights for 3 seconds, subsequently extinguishing and illuminating the red road traffic lights for 5 seconds, and then proceeding to lower the barriers if the crossing is set to AUTO). The proposed solution shall maintain the barriers raised in the above circumstances if the Signaller has his controls set in the raised position. This appears to be compliant with MOD X21 iss.3.<br>Where MOD X21 iss.3 stipulates a default time of 30s, the deviation proposes to time the approaching train to a stand (based on project specific calculations done during scheme development) before normalising the Stowmarket locking on the crossing. | In Progress                     |
| CHL/222 | 19/06/2025    | NR/L3/TRK/2049 - Track Design Handbook [Issue 14]                                                                                                        | Track                                | NR/L3/TRK/2049/mod05 - System Interfaces [Issue 2]<br>2049 - E.4.3: Level Crossing Road Profiles – 1                                                                                                                                                                                                  | Where green clauses within TRK/2049 can not be met, it is reasonable to use comparison to the maintenance standard to assess risk. However the different methodologies used in both standards means this comparison cannot be drawn.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Accepted                        |
| CHL/223 | 20/06/2025    | NR/L3/TRK/1020 - Track Hand Back for Projects: Confirming track is safe for opening at the selected line speed after projects engineering work [Issue 2] | Track                                | 6.3- Table 7                                                                                                                                                                                                                                                                                          | It is proposed to incorporate the TEF3203 Form F extract into the 019 process to comply with the spirit of the standard, without having to complete Form A-G & issue ATW's for L1 Hand-Backs without additional training. AMCO are looking to up-skill all civils supervisors where OTP is used for works which do not traditionally require appointed hand-back engineers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Accepted                        |
| CHL/224 | 20/06/2025    | NR/L2/ELP/27716 - Electrical and mechanical clearances on overhead electrified railways [Issue 1]                                                        | Electrical                           | Module 01 clause 5.1.1.1 and Module 03 clause 4.3                                                                                                                                                                                                                                                     | When specified by this standard, electrical clearances shall be classified to identify the electrical insulation categories in accordance with Table 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Accepted                        |
| CHL/225 | 23/06/2025    | NR/L2/CSG/STP001 - Standards and Controls Management [Issue 9]                                                                                           | Company Standards and Controls Group |                                                                                                                                                                                                                                                                                                       | The standard prohibits the numbering of each paragraph Allow the numbering of individual paragraphs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Not Proceed                     |
| CHL/226 | 24/06/2025    | NR/L2/TRK/7014 - Standardised Risk Based Maintenance Regime (RBM) for the Inspection and Maintenance of the Permanent Way [Issue 2]                      | Track                                | Table 1 - Requirements to inspect in the 4ft by foot                                                                                                                                                                                                                                                  | With the introduction of AIVR, Track access being restricted due to increased services. A financial and efficiency target being sought from the business. The decision to utilise new technology meets all of these aims Utilise the AIVR platform to undertake RBM Themed Inspections                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Not Proceed                     |
| CHL/227 | 25/06/2025    | NR/PS/ELP/00021 - Product Specification for Standby Diesel Generators for Signalling Supplies (formerly RT/E/PS/00021) [Issue 2]                         | Electrical                           | Section 5.2                                                                                                                                                                                                                                                                                           | Clause 5.2 is out of data to current equipment and contradicts NR/L2/ELP/40068 iss01 section 9.3. Clause 5.2 should be removed to reflect the current equipment proven starter motor reliability.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Accepted                        |
| CHL/228 | 25/06/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]                                                                                             | Track                                | 8.5.11 Curving design values - cant deficiency switches and crossings                                                                                                                                                                                                                                 | The limits defined in Table 15 - Abrupt change of cant deficiency limits at switch toes<br>The normal limits of 110mm for speed of upto 40mph and 100mm for above 40mph, place all the NR60Mk1 in the exceptional range.<br>As we already know that the Mk1 H switch (with an abrupt change at the toes of 110mm) required a speed restriction, that means that for the NR60MK1 design at least, the limit of 110mm might be too high, especially for the higher speed turnouts.                                                                                                                                                                                                                                                                                                                                                                                   | Accepted                        |
| CHL/229 | 26/06/2025    | NR/L3/SIG/10663 - Signal Maintenance Specifications [Issue 19]                                                                                           | Signalling                           | NR/SMS/AX40-41/RC01                                                                                                                                                                                                                                                                                   | The record card no longer reflects current practice for RSR123 wheel sensor installation. Update record card to reflect current installation practices (including use of NordLock washers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Accepted                        |
| CHL/230 | 26/06/2025    | NR/L2/CIV/005 - Drainage Systems Manual [Issue 2]                                                                                                        | Buildings & Civils                   | General                                                                                                                                                                                                                                                                                               | The standard for drainage needs updating as it contains EGI Codes which are now obsolete in Ellipse.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Accepted                        |
| CHL/231 | 26/06/2025    | NR/L2/CSG/STP001 - Standards and Controls Management [Issue 9]                                                                                           | Company Standards and Controls Group | General                                                                                                                                                                                                                                                                                               | Easy identification of changes of in new issues of existing standard Utilise black lines in the margin function of word                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Not Proceed                     |
| CHL/232 | 27/06/2025    | NR/L3/CIV/006 - Structures, Tunnels and Operational Property Examinations Manual (Formerly Handbook for the Examination of Structures) [Issue 13]        | Buildings & Civils                   | Table 1                                                                                                                                                                                                                                                                                               | Under Visual Examination for Stations, states that Table 1 of CIV/006/3B should be consulted for scope. There is no Table 1 in CIV/006/3B. Believe this should be referring to CIV/006/3C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Accepted                        |
| CHL/233 | 27/06/2025    | NR/L2/CIV/171 - Examinations, Inspections and Assessments of Buildings & Architecture Assets: Structures and Fabric [Issue 3]                            | Buildings and Architecture           | Clause 6.4                                                                                                                                                                                                                                                                                            | The second and third paragraph say the same thing in different language.<br>The third paragraph only refers to canopies and trainsheds. The second paragraph includes more elements. One of these paragraphs should be removed for clarity.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | In Progress                     |
| CHL/234 | 27/06/2025    | NR/L2/CIV/171 - Examinations, Inspections and Assessments of Buildings & Architecture Assets: Structures and Fabric [Issue 3]                            | Buildings and Architecture           | Clause 6.5                                                                                                                                                                                                                                                                                            | Clause 6.5 denotes that the RAM should instruct structural inspections and or assessments in line with Table 4 (of NR/L2/CIV/171) and NR/L1/CIV/032. Table 4 does not dictate this timescale.<br>NR/L1/CIV/032 does not exist. NR/L2/CIV/032, nor any of its modules, dictate the timescales for structural inspection for assessment. Propose that the reference to Table 4 is removed. Propose that NR/L1/CIV/032 reference is amended to NR/L2/CIV/035/MOD01                                                                                                                                                                                                                                                                                                                                                                                                    | In Progress                     |
| CHL/235 | 30/06/2025    | NR/L3/TRK/003 - Index of Track Engineering Forms [Issue 51]                                                                                              | Track                                | Module: NR/L3/TRK/003/TEF3220 - Form A - APPROVAL IN PRINCIPLE [Issue 2]                                                                                                                                                                                                                              | The standard does not require the CRE to sign off the Form A, B or C and the TEF's do not have a specific box for CRE sign off. Propose that CRE's are to be held more accountable for design submissions and to actually have to sign an updated version of the Form which either a) replaces the designers submission box with the CRE sign off box or b) has both designer and CRE sign off boxes.                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Not Proceed                     |
| CHL/236 | 30/06/2025    | NR/L3/TRK/003 - Index of Track Engineering Forms [Issue 51]                                                                                              | Track                                | Module: NR/L3/TRK/003/TEF3221 - Form B - APPROVAL OF DETAILED DESIGN AND CHECKING [Issue 2]                                                                                                                                                                                                           | The standard does not require the CRE to sign off the Form A, B or C and the TEF's do not have a specific box for CRE sign off. Propose that CRE's are to be held more accountable for design submissions and to actually have to sign an updated version of the Form which either a) replaces the designers submission box with the CRE sign off box or b) has both designer and CRE sign off boxes.                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Not Proceed                     |
| CHL/237 | 30/06/2025    | NR/L3/TRK/003 - Index of Track Engineering Forms [Issue 51]                                                                                              | Track                                | Module: NR/L3/TRK/003/TEF3222 - Form C - APPROVAL OF MANUFACTURING DRAWINGS [Issue 2]                                                                                                                                                                                                                 | The standard does not require the CRE to sign off the Form A, B or C and the TEF's do not have a specific box for CRE sign off. Propose that CRE's are to be held more accountable for design submissions and to actually have to sign an updated version of the Form which either a) replaces the designers submission box with the CRE sign off box or b) has both designer and CRE sign off boxes.                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Not Proceed                     |

| ID      | Date Received | Standard Challenged                                                                                                                     | Primary Standards Steering Group   | Subject                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Simplified Summary of Challenge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Current Process Stage     |
|---------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| CHL/238 | 30/06/2025    | NR/L3/ELP/27237 - Overhead Line Work Instructions [Issue 26]                                                                            | Electrical                         | Module C11 , clause 3.1,3.2 & section 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Clause 3.1 - The cyclical correlation should not be necessary providing the OLE depot can provide evidence that the correlation exercise has been completed once before and any required changes to the bonding drawings have been undertaken.<br>Clause 3.2 - This activity is not necessary as examination of Bonds at Key Locations is undertaken through the depots RBM inspection regime with other work instructions.<br>Clause 4 - The RSC gets tested every time a train goes through a section - why test it separately, fix on failure, which is very, very rare.                                                                                                                                                                                                                                                                                                                                                                                          | More Information Required |
| CHL/239 | 01/07/2025    | NR/L2/MTC/10662 - Process for the creation of new or revised maintenance regimes using Reliability Centred Maintenance (RCM) [Issue 14] | Maintenance                        | Standard states that RCM is an approved method of RBM which it is not.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | RCM and RBM are individual processes with RCM prioritising functionality and RBM prioritising risk areas. For clarity on the approach that the business is taking, that either the company is following a combined approach, or if following RCM as per all the relevant standard and modules.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Not Proceed               |
| CHL/240 | 01/07/2025    | NR/L1/RSE/30040 - EMC Strategy For Network Rail (formerly NR/L1/SIG/30040) [Issue 1]                                                    | Systems Engineering                | The EMC regulations have been revoked and replaced by the Electromagnetic Compatibility Regulation 2016. The Yellow Book has been revoked and replaced by the Common Safety Measures - RA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Delete entire standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Not Proceed               |
| CHL/241 | 02/07/2025    | NR/GN/INI/001 - Guidance on the Management of door to door work and travel time [Issue 1]                                               | Workforce Safety                   | Conflicts with NR/L2/OHS/003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Delete standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Not Proceed               |
| CHL/242 | 02/07/2025    | NR/GN/OHS/00150 - Infection Control Guidance [Issue 3]                                                                                  | Health & Wellbeing                 | The phone number 01494 754375 is no longer answered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Update standard and change phone number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | In Progress               |
| CHL/243 | 03/07/2025    | NR/L2/CSG/STP001 - Standards and Controls Management [Issue 9]                                                                          | Company Standards & Controls Group | Network Rail standards and control documents shall not be reproduced in whole or part without the written permission of the Standard and Control Document Owner and the Standards and Controls Management team. This is unrealistic and inefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Delete clause                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Not Proceed               |
| CHL/244 | 03/07/2025    | NR/L2/CSG/STP001 - Standards and Controls Management [Issue 9]                                                                          | Company Standards & Controls Group | The standards variation process, requirements and questions in the tracker tool does not provide a robust approach.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Provide a stronger signpost / green requirement to the principles of risk assessment and CSM. A key question/decision point should be, does the variation/change being proposed affect safety, and which disciplines are affected? it is not enough just to ask have stakeholders been consulted, which is a tick box.<br><br>Where a change affects safety or has the potential to impact on other disciplines, it should be a mandated requirement to follow a systems risk assessment approach, to provide an evidence base for approval of the variation. Without this, the process is purely subjective and open to personal opinions populating the Tracker question set.                                                                                                                                                                                                                                                                                      | Accepted                  |
| CHL/245 | 03/07/2025    | NR/L3/ELP/27237 - Overhead Line Work Instructions [Issue 26]                                                                            | Electrical                         | The wiring for the great western electrification project (GWEP) varies between 7 and 4 years in age. Pantograph passage frequency increased substantially as entry into service rolled out regionally within the same time. From then until present the contact wire has settled into its operational profile changing from a rounded interface with the pantograph to now flat as it has worn against the also flat pantograph carbon.                                                                                                                                                                                                                                                                                                                                    | Wales and Western propose to complete the asset condition assessment at a frequency of 4 yearly given it is a reportable measure to the ORR every 5 years. It is felt that there is little added value to continue completing the work instruction at a 1 yearly frequency now the contact wire is in steady state operation and subsequently so is the wear.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Not Proceed               |
| CHL/246 | 04/07/2025    | NR/L2/TRK/0032 - Joining Of Rails By Aluminothermic Welding [Issue 7]                                                                   | Track                              | Proposed strengthening of controls around welding (joining rails) within fishplate limits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Introduction of requirement to ultrasonically test rail when welding (joining rails) within fishplate limits. Currently the requirement only applies when converting jointed track to CWR (2102 Clause 12)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Accepted                  |
| CHL/247 | 04/07/2025    | NR/L2/OHS/003 - Fatigue Risk Management [Issue 9]                                                                                       | Health & Wellbeing                 | It is impractical for operations, no consideration has been given to how this standard would work in practice. There is a very limited number of controls that could be put in place for a fatigue management plan, the fatigue assessment could easily be manipulated depending on the outcome wanted by the individual, there is no appropriate time for the assessment to be conducted. The number of variations locally and nationally has led to mass confusion, it is costing the business a fortune with no real effective results to show for it. It is leading to poor behaviours, additional stress and workload. Different routes and functions within a route are taking different approaches due to the impracticality of the standard in its current format. | The standard is unachievable and impractical and the fatigue assessments and management plans are of no real value.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Not Proceed               |
| CHL/248 | 10/07/2025    | NR/L2/ELP/27716 - Electrical and mechanical clearances on overhead electrified railways [Issue 1]                                       | Electrical                         | 6 Design<br>6.1 Option development<br>6.1.1.1 Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Update the standard in line with the following which can be presented as a flow chart.<br><br>1) State that an assessment of electrical clearances based on existing track position and existing structure profile is to be undertaken in the first instance with a 0mm TMLA (and the other requirements of ELP/27716/01 clause 6.1.1.1).<br>2) If the electrical clearances are satisfactory then move to 3), if not go to 4)<br>3) Calculate what the resultant TMLA will be if no works are undertaken to change track position or structure profile. If this is acceptable, this shall be the MVP, go to 5), if not go to 4)<br>4) Develop proposals to improve the relationship between track and structure (for example track lower and/or bridge re-con) with a minimum TMLA as per NR/L2/TRK/2102 and/or as per CIV/020. This will be the MVP.<br>5) No intervention required to improve electrical clearances the relationship between track and structure. | In Progress               |
| CHL/249 | 10/07/2025    | NR/L2/CSG/STP001 - Standards and Controls Management [Issue 9]                                                                          | Company Standards & Controls Group | Module 04 covers the process for variations against standards but does not cover the close out of variations. i.e. when compliance has been achieved.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Add a section covering the close out of variations when compliance has been achieved or the variation is otherwise no longer required.,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Accepted                  |
| CHL/250 | 11/07/2025    | NR/L2/OHS/00120 - Drugs and Alcohol Standard [Issue 8]                                                                                  | Health & Wellbeing                 | in-direct discrimination against neurodiversity individuals who have to take controlled medication due to their disability.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | To add in a new clause into the Drugs and Alcohol policy, so that the group of individuals that take controlled medications are not subject to unfair treatment or loss of earnings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | In Progress               |
| CHL/251 | 14/07/2025    | NR/L3/SIG/10064 - General Instructions to Staff Working on S&T Equipment [Issue 13]                                                     | Signalling                         | The standard is not only relevant to Signal Engineers but also Telecoms Engineers!                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Amend scope to include Telecoms Engineers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Accepted                  |
| CHL/252 | 22/07/2025    | NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]                                                                            | Track                              | TPRA are covered by signalling standard (NR/L2/SIG/30009/D410), whilst the TPRA is technically an Ops discipline responsibility, we are obviously responsible for the physical element and our standards make little reference to the proforma, etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Could a clause be added to 2102 to sign-post this requirement?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Accepted                  |
| CHL/253 | 24/07/2025    | NR/L2/CTM/018 - Competence & Training In Traction Power Distribution Engineering (formerly NR/SP/CTM/018) [Issue 2]                     | Electrical                         | Statement within Module 17 - Section 3.2. It states: "Where the employee has been previously trained and has been completing the work for more than one year, performance evidence requirements defined in the element do not apply."<br><br>Module 16 for competence DIST 16, the same points above.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Section 3.2, Module 17 should be amended to state that if an employee has been completing the work for more than one year, has the required performance evidence available and holds Level A competence, then formal training is not required.<br><br>Module 16, Level B should be replaced with Level A as the minimum competence required.<br><br>Table 6, remove the need for formal training in the criteria or competence award column.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Not Proceed               |
| CHL/254 | 25/07/2025    | NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]                                                                                 | Signalling                         | Module A3-3 does not reflect the update to Mod A5-1 and introduction of symbol 23.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Update clause 10.28 to mention symbol 23 and review 10.13b for possible update of 4.88m dimension used in some examples                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Accepted                  |
| CHL/255 | 31/07/2025    | NR/L3/SIG/10665 - Reliability Centred Maintenance of Signalling Equipment [Issue 24]                                                    | Signalling                         | There doesn't appear to be a clause that requires the performance of assets to be monitored/assessed after implementation of the new regime to ensure the new regime is appropriate. Points are covered but other assets don't seem to be.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Add a new clause covering the monitoring of performance following the implementation of a regime with extended intervals.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | In Progress               |
| CHL/256 | 31/07/2025    | NR/L2/SIG/11010 - Management of Signalling and Communication Systems (Formerly RT/E/S/11010) [Issue 3]                                  | Signalling                         | Improve guidance on how a boundary document should be created.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Revise standard with guidance and template form on how a boundary document should be created and managed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | In Progress               |
| CHL/257 | 06/08/2025    | NR/L3/ELP/27115 - Planning DC Conductor Rail Isolations [Issue 5]                                                                       | Electrical                         | NR Standards portal is currently showing Issue 5 as current. Having spoken to the NR isolation planning team I am of the understanding that issue 5 has been withdrawn to make amendments and that they are working to issue 4. Issue 4 is showing as historic on the portal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Clarification required as to which issue we should be working to.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | In Progress               |

| ID      | Date Received | Standard Challenged                                                                                                                             | Primary Standards Steering Group | Subject                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Simplified Summary of Challenge                                                                                                                                                                                                                                                                                                                                                                                                                                  | Current Process Stage     |
|---------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| CHL/258 | 06/08/2025    | NR/L2/TRK/0032 - Joining Of Rails By Aluminothermic Welding [Issue 7]                                                                           | Track                            | Incorrect table reference: Issue 7, Clause 8.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Change the reference in clause 8.4 of NR/L2/TRK/0032 to Table 22 - Minimum rail lengths.                                                                                                                                                                                                                                                                                                                                                                         | Accepted                  |
| CHL/259 | 07/08/2025    | NR/L2/ELP/27032 - Management of incidents involving damage to the OLE [Issue 1]                                                                 | Electrical                       | The entire document is over 10 years old and every single clause is down as an 'Amber' requirement, dictating that a TV is required if not followed to the letter. The majority of the instruction reads as guidance which is inconsistent with the Amber requirements. This also presents challenges where nuance between route operating processess is not accounted for. Examples pointing out why this is innappropriate are too number numerous to list, but the standard also mandates the use of EPF/OLE/ series of forms, many of which are outdated and unsuitable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | The entire standard is overdue a review and re-write, but in the short-term, the majority of the Amber requirements should be downgraded to Green.                                                                                                                                                                                                                                                                                                               | More Information Required |
| CHL/260 | 08/08/2025    | NR/L2/TRK/0132 - Maintenance Arc Welding of Rails, Switches and Crossings [Issue 8]                                                             | Track                            | The requirement for LPT AND U17.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | This should read LPT OR U17.                                                                                                                                                                                                                                                                                                                                                                                                                                     | In Progress               |
| CHL/261 | 12/08/2025    | NR/L3/ELP/27250 - Conductor Rail Equipment - Design and Maintenance Working Instructions [Issue 10]                                             | Electrical                       | This sheet shows an example of implementing reliability bonding at S&C with the use of reinforcing cables. There is no mention of the criteria where the bonding needs to be included and therefore it is increasingly taken as the norm for negative bonding design. Sheet 803 does not mention any specific criteria for this requirement. Reinforcing cables are generally used at S&C at single rail track circuited areas to replace the traction current that is not able to flow through the rails designated for signalling rail.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | This sheet comes from legacy 'enhanced negative bonding' examples (see Revision 1 of 27250, Sheets 640, 641, and 642). It is proposed that cross bonding both S&C areas would be enough to mitigate against any reliability issues, without the need for reinforcement cables. Where reliability bonding is required, module 803 needs to highlight the criterion where this needs to occur, and should not be implemented across the entire third rail network. | Not Proceed               |
| CHL/262 | 14/08/2025    | NR/L2/ELP/27716 - Electrical and mechanical clearances on overhead electrified railways [Issue 1]                                               | Electrical                       | Misleading wording                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Wherever clearances are expressed to OCLS it should clearly state 'live' OCLS, otherwise the definition of OCLS within the standard would include Earth wires, structures, foundations, etc.                                                                                                                                                                                                                                                                     | In Progress               |
| CHL/263 | 14/08/2025    | NR/L3/AIF/003 - Asset data management for Ellipse and GEOGIS [Issue 1]                                                                          | Asset Information                | The data system GEOGIS was decommissioned in 2016. Asset registers that used to reside there have been transferred to newer systems such as INM for Plain line track, Ellipse for S&C track and Citadel for structures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Update via the addendum process each and every document that signposts to GEOGIS                                                                                                                                                                                                                                                                                                                                                                                 | Accepted                  |
| CHL/264 | 26/08/2025    | NR/L2/RSE/02009 - Engineering Management for Projects [Issue 8]                                                                                 | Systems Engineering              | NR/L2RSE/02009/01 contains requirements that for the appointment of certain roles, that the person must be assessed against certain quads. The quads are appended to 02009/01 but there is no editable form in which a person can document their evidence and agree a competence level with their assessor and for the assessor to sign.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Update the standard which mandates the use of form XX to document evidence and record the competence against the relevant quads. Provide forms in word or excel. This could be a series of standalone forms, or we could revise and expand the existing appoint forms (F0037/38/39/40/42A).                                                                                                                                                                      | Accepted                  |
| CHL/265 | 27/08/2025    | NR/L2/TRK/2500 - Engineering Assurance Arrangements for the Design and Construction of Track [Issue 4]                                          | Track                            | On simple/less complex plain line renewals projects and to offer up an efficiency, there is a practice of combining Form A's and Form B's together. This reduces the need for two design checks.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | On Category 1 and Category 2 checks rather than having a separate Form A and Form B can the process/form be combined into a 'Form D'? Similar to a Civils 'Form G'                                                                                                                                                                                                                                                                                               | Not Proceed               |
| CHL/266 | 28/08/2025    | NR/L2/OHS/501 - Trackworker Protection and Warning Systems [Issue 9]                                                                            | Workforce Safety                 | "An RDD shall only be used where a pre-existing templated signalling design exists for the required asset disconnection type. If one does not exist, this shall be created and agreed with the Principal Design Authority Engineer." This Red Clause does not allow for any flexibility for design staff to utilise best practice for each specific site for RDD application, as the templated design is fixed in the RDD Application Guidance document. In addition, the RDD Application Guidance document is not a published standard, and the templated circuits contained are not published as Typical circuits.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Change to RAG Status to Green, clarify wording, update Application Guidance document, update templated circuits and publish as Typical Circuits (CAT005)                                                                                                                                                                                                                                                                                                         | Not Proceed               |
| CHL/267 | 04/09/2025    | NR/CS/OHS/002 - Policy on working safely [Issue 1]                                                                                              | Workforce Safety                 | Form EPF/OLE/005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Extend the library read by the dropdown menu                                                                                                                                                                                                                                                                                                                                                                                                                     | Not Proceed               |
| CHL/268 | 05/09/2025    | NR/L3/TRK/003 - Index of Track Engineering Forms [Issue 52]                                                                                     | Track                            | Over recent projects the materials ordered using the TEF 3299 have lead to a shortfall in materials being delivered to sites, and it is as a result of the associated Incident Reviews that TEF 3299 requires a challenge to be updated. TEF 3299 is only set up for a limited set of materials Ballast, Sand and Spoil. Other materials are used throughout the Network such as Capping, Type 1, Gravels etc. Therefore more materials need to be added to the Standard TEF3299. In addition, more wagon types need to be added, as the current wagon types are not comprehensive.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Various changes and updates to the Form                                                                                                                                                                                                                                                                                                                                                                                                                          | Accepted                  |
| CHL/269 | 15/09/2025    | NR/L2/CTM/021 - Competence and Training in Track Worker Safety [Issue 5]                                                                        | Workforce Safety                 | Appendix D of the standard requires that upon completion of a PTS course an individual is issued with a Sentinel card with a green square and must wear a blue helmet. Upon gaining sufficient competence and experience an individual can have their green square removed from their sentinel card and can wear a white helmet. The move away from using look outs and the hierarchy of protection measures, creates a situation where many people hold a PTS but have no experience at all or no recent experience of anything other than safeguarded or fenced work sites. This therefore creates a scenario where 1) a person is no longer competent and experienced or 2) a person who has recently completed their PTS cannot have their green square removed and change from a blue helmet to a white helmet because they can't demonstrate competence and recent experience with other methods of protection. This could result in an ever-increasing number of people with green squares and blue helmets who are more than competent with say safeguarded and fenced working but not with any other method of protection. In turn the COSS's may have an issue with the increasing number of people with green squares and blue helmets. | One possible solutions could be to introduce another symbol for the Sentinel card and a different coloured helmet to indicate that someone has been classed competent and experienced with safeguarded and fenced methods of protection but still hasn't competence and experience with other methods of protection.                                                                                                                                             | Not Proceed               |
| CHL/270 | 16/09/2025    | NR/L2/RSE/02009 - Engineering Management for Projects [Issue 8]                                                                                 | Systems Engineering              | Enhance the F0047 form with a number of standard questions for both IDC and IDR processes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Addition of some standard questions, that are mandatory to ask and complete, to ensure that some often overlooked aspects of the IDC / IDR have been carried out and provide a more robust process                                                                                                                                                                                                                                                               | More Information Required |
| CHL/271 | 18/09/2025    | NR/L2/TRK/1054 - Inspection and Maintenance Procedures for Crossings in Track [Issue 6]                                                         | Track                            | Additional sections to be added to TEF 3031. There isn't a section to be populated for d), f), g), h), i) from Clause 3.2.5 in TEF 3031                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | There isn't a section to be populated for d), f), g), h), i) from Clause 3.2.5 in TEF 3031                                                                                                                                                                                                                                                                                                                                                                       | Accepted                  |
| CHL/272 | 19/09/2025    | NR/L2/TEL/30134 - Design and Installation Requirements for Public Announcement, Voice Alarm and Long Line Public Announcement Systems [Issue 2] | Telecommunications               | Propose to reduce the IP rating of an internal PA speaker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Currently the standard states IP43.                                                                                                                                                                                                                                                                                                                                                                                                                              | In Progress               |

| ID      | Date Received | Standard Challenged                                                                                       | Primary Standards Steering Group | Subject                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Simplified Summary of Challenge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Current Process Stage           |
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| CHL/273 | 19/09/2025    | NR/L2/OHS/00130 - Creating a Site of Work Segregated from the Railway [Issue 3]                           | Workforce Safety                 | To challenge the requirement in the standard that a Site Controller (COSS) is always needed, specifically for non-intrusive works more than 3m from the nearest running rail. You want to argue that, with a suitable risk assessment and documented mitigations in a method statement, a COSS may not be required                                                                                                                                                                                                                                                                                        | The current application of NR/L2/OHS/00130/02 appears to mandate the presence of a Site Controller (COSS) for all works within the defined lineside area. However, the standard itself recognises the importance of risk-based controls and the potential for alternative approaches where justified. Specifically:<br>- Section 4 and the associated note state that 'where a minimum of 3 metres from the nearest running line can be established and a documented risk assessment supports this, low risk activities may be carried out without applying NR/L2/OHS/00130'.<br>- Section 5 and 9 describe a hierarchy of controls, with physical barriers and site wardens as alternatives to a COSS, particularly for non-intrusive, short-duration, or low-risk activities. Given these provisions, it is reasonable to propose that for non-intrusive works located say more than 5m from the nearest running rail, a robust risk assessment and a documented method statement detailing risk controls and mitigations should be sufficient to manage safety without the mandatory presence of a Site Controller (COSS). This approach aligns with the standard's intent to apply proportionate, risk-based controls and to enable efficiencies where risks are demonstrably low and effectively managed. | Accepted                        |
| CHL/274 | 22/09/2025    | NR/L2/OHS/019 - Safety of People at Work On or Near the Line [Issue 12]                                   | Workforce Safety                 | The form requests details for a safe system of work for walking to/from a worksite on or near the line. An option for this is a Separated safe system. The RB change in 2024 states that walking to/from the site of work must be outside the area known as on or near the line. Therefore there cannot be a Separated safe system.                                                                                                                                                                                                                                                                       | That the reference to on or near the line is removed from the Safe System of Work header portion for walking to or from a worksite.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Not Proceed - Decision Appealed |
| CHL/275 | 23/09/2025    | NR/L2/ELP/27715 - Overhead Contact System Design Specification [Issue 4]                                  | Electrical                       | The clause states "The Designer shall not locate insulated overlaps and booster overlaps where train pantographs are calculated to come to a stand." This is amber and can be prohibitive when trying to locate sectioning points around existing signals for new electrification or when modifying existing electrification and could drive up costs.                                                                                                                                                                                                                                                    | The UKMS Allocation Design Manual 13.4.3 offers a relaxing of this rule stating "The designer shall avoid locating insulated overlaps (unless normally closed with switch within the span) and booster overlaps where train pantographs are calculated to come to a stand". It is not clear though why the switch must be located within the span. Scenarios such as an unswitched insulated overlap on a loop line that is on the same electrical sections as a normally closed switched insulated overlap on the adjacent mainline would also appear to be low risk. Believe the main risk is at booster overlaps due to burning of the booster coils. Also at TSCs there is potentially a greater risk of bridging a point of isolation. At all other insulated overlap locations this should be green for guidance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Accepted as Variation           |
| CHL/276 | 26/09/2025    | NR/L2/OHS/021 - Personal Protective Equipment (PPE) [Issue 5]                                             | Workforce Safety                 | Section 4 and 5 of the Standard, this stating "full high visibility", where we proposed the allowance of a 2-tone garment for the purposes of inclusion relating to heath issues such as endometriosis, heavy menstrual periods, bladder and incontinence complaints, for any gender.                                                                                                                                                                                                                                                                                                                     | With respect to "inclusion" a challenge is made whereby a 2 tone (Navy - upper, and Orange lower) set of trouser be allowed on the NRIL infrastructure providing that RIS-3279-TOM remains satisfied. As an example, Leo Workwear Hawkridge Style JT91 set of trousers. Full orange is considered the rail standard, but hopefully a navy section in appropriate areas for wearers comfort should be made available outside of the directive (as it is not a law) 20471 is still captured which is the key standard for high visibility, and also the Orange utilised will still meet RIS-3279-TOM in regards to the shade.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Accepted                        |
| CHL/277 | 26/09/2025    | NR/L2/CIV/177 - Monitoring Track Over or Adjacent to Construction Works [Issue 3]                         | Buildings & Civils               | Following a recent safety-of-the-line incident and the subsequent Engineering Event Review and Investigation, findings have highlighted ambiguity in the terminology and definition of 'Post Completion Monitoring'. The current definition states that Post Completion Monitoring is to commence 'following the completion of the work'. However, it does not specify whether the line must be open to traffic at that point. This interpretation has proven insufficient, as the track is not under load during the monitoring period, thereby undermining the effectiveness of the monitoring process. | Further clarity within the standard, by either providing a definition of Post Completion Monitoring in Table 2, or by adding more detail within Clause 8, Table 4. This should specify the monitoring requirements when works are completed early in a possession period, and the line will not be subject to operational traffic for a significant duration. Such scenarios reduce the effectiveness of the stated monitoring period, as the track would not be subjected to loading.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Accepted                        |
| CHL/278 | 29/09/2025    | NR/L2/CIV/003 - Engineering and Architectural Assurance of Building and Civil Engineering Works [Issue 8] | Buildings & Civils               | General update                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1, To make the form digital systems capable can a box be added to page 1 to allow the scope to which the form applies to be entered in a common place. this is required by note 2"2. Briefly describe the Construction Work to be Taken into Use and identify any departures from the accepted Design and/or any uncompleted parts/elements." but no common area is provided on the form for this requirement to be fulfilled.<br>2, Note 7 covers delegation to the CRE's Nominated Representative, guidance need to be added to the documents to form NR/L2/RSE/02009/F0051 and if this is required. ?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Accepted                        |
| CHL/279 | 29/09/2025    | NR/L2/CIV/003 - Engineering and Architectural Assurance of Building and Civil Engineering Works [Issue 8] | Buildings & Civils               | Add reference to NR/L2/OHS/1030 working safely in the vicinity of buried services and requirements to show buried services on drawings and design out risks from buried services.                                                                                                                                                                                                                                                                                                                                                                                                                         | Add a requirement for detailed designs to show utility / statutory undertaker services in proximity to works as a minimum a PAS 128 level D survey should be used to show known services in proximity to proposed works. The CDM regs require designers must when preparing or modifying designs:<br>1, take account of any pre-construction information provided by the client (and principal designer, if one is involved)<br>2, eliminate foreseeable health and safety risks to anyone affected by the project (if possible)<br>3, take steps to reduce or control any risks that cannot be eliminated<br>By provision of a PAS 128 level D survey to the designer this will enable a better standard of project delivery to be achieved and reductions in safety risk to staff on the ground. Currently designers can assume there is no risk / interface and get paid for a redesign when the risk is actualised.                                                                                                                                                                                                                                                                                                                                                                                        | Accepted                        |
| CHL/280 | 01/10/2025    | NR/L2/ELP/27716 - Electrical and mechanical clearances on overhead electrified railways [Issue 1]         | Electrical                       | The standard was written with the objective to reduce the amount of civils intervention required to electrify under existing over bridges. The standard only calls for probabilistic analysis when dynamic VCC fails and for MVP.                                                                                                                                                                                                                                                                                                                                                                         | Add a clause to permit probabilistic analysis to justify a functional clearance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Accepted                        |
| CHL/281 | 03/10/2025    | NR/L2/ELP/21131 - Warning and Other Signs for A.C. and D.C. Electrified Lines [Issue 4]                   | Electrical                       | The NR/L2/ELP/21131 standard sets a particularly high level of requirements, which may exceed practical needs in certain cases.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"><li>• Remove RTE6001 from station platform requirement (Section 7.5).</li><li>• Clarify RTE6018 at entrances only; RTE6008 acceptable for platform gates.</li><li>• Restrict RTE6001 use in stations to SECRA-identified risks only.</li><li>• Permit RTE6008 instead of RTE6001 in unrestricted public areas.</li><li>• Redefine "unrestricted public areas" as non-platform zones (car parks, viaducts).</li><li>• Exempt station OLE masts with anti-climb guards from signage.</li><li>• Update footbridge requirements: two minimum RTE6001B (Live Wires Below Structure; 400x250mm) per bridge to avoid pedantic application and multiple unnecessary signs per bridge; Mechanical fixings are required for public overbridges. Self-adhesive are acceptable for station footbridges.</li><li>• For VCC structures with wire height &lt;4.165m - RTE6029 (Low Wire Height) 400x250mm should be affixed to the abutment at track level, viewable in the direction of travel.</li><li>• Access points signage update: flash mark + ECR phone number for electrified areas. No extra signage unless risk assessed.</li><li>• Supplementary warning signage along the route should only be as defined by risk assessment.</li></ul>                                        | In Progress                     |

| ID      | Date Received | Standard Challenged                                         | Primary Standards Steering Group | Subject                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Simplified Summary of Challenge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Current Process Stage |
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| CHL/282 | 03/10/2025    | NR/L3/ELP/27240 - Distribution Work Instructions [Issue 13] | Electrical                       | Alternative approach                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3.4 Trough Routes<br>1. Visual check that the trough alignments are correct and warning signage or markings are clearly visible.<br>2. Lift trough lids and visually inspect the cable at critical locations - e.g. joint bays - or where evidence of disturbance or damage is observed. Any disturbance or damage observed in an inaccessible area, e.g. a steep embankment, should be recorded and escalated for resolution.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Not Proceed           |
| CHL/283 | 03/10/2025    | NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]     | Signalling                       | <p>There is inconsistent national application of IDC and CRE obligations for TSR/ESR designs. In some routes IDC/CRE is expected as part of signalling design governance, while in others it is not. This inconsistency creates ambiguity around accountability for "approval" on drawings and whether documents can legitimately progress to AFC. Mod B20 does not set out a clear, nationally consistent position, despite NR/L2/SIG/50040 defining signalling discipline ownership of TSR/ESR design and verification and identifying IRSE-licensed roles for designer and verifier.</p> <p>Competence requirements should be explicit. In practice, TSR/ESR designs are produced and independently verified by IRSE-licensed signalling designers and verifiers; however, Mod B20 does not state this clearly. This omission has, at times, resulted in non-licensed or non-engineering staff being asked to review ESR/TSRs. NR/L2/SIG/50040 and NR/L3/TRK/7006 already indicate IRSE-licensed designer and verifier roles; Mod B20 should mirror this explicitly to remove doubt.</p> <p>There is also ambiguity regarding interpolation in calculations. NR/L2/SIG/50040 states that interpolation between speed tables is not permitted, and that interpolation between gradients should only be used in specific conflict situations, whereas GKRT0075 provides MDD/MSBD datasets without an explicit, unified rule on</p>                                                                                                                                                                                                                                                                                                                                                | <p>Mod B20 should be amended to state clearly that all TSR/ESR signalling designs and their independent verifications shall be carried out by IRSE-licensed designers/verifiers in accordance with NR/L2/SIG/50040.</p> <p>Mod B20 should be explicit in whether IDCs and the appointment of a CRE (Design) are required.</p> <p>Mod B20 should explicitly address interpolation. It should either prohibit interpolation entirely and require the use of tabulated GKRT0075 values only, or define the limited circumstances in which interpolation is permissible, with worked examples and references to the controlling data in GKRT0075 and the warning-equipment positioning guidance in NR/L2/SIG/50040.</p> <p>Mod B20 should specify use of a single, nationally maintained and version-controlled NR calculator for TSR/ESR (MDD/MSBD) calculations, referenced from Mod B20 and NR/L2/SIG/50040. It should also require a national SharePoint workflow for requests, which automatically issues authority numbers, allocates drawing numbers, and stores the signed IRSE design/verification record and IDC/CRE evidence.</p> | In Progress           |
| CHL/284 | 08/10/2025    | NR/L2/CIV/005 - Drainage Systems Manual [Issue 2]           | Off Track                        | <p>There is inconsistent national application of IDC and CRE obligations for TSR/ESR designs. In some routes IDC/CRE is expected as part of signalling design governance, while in others it is not. This inconsistency creates ambiguity around accountability for "approval" on drawings and whether documents can legitimately progress to AFC. Mod B20 does not set out a clear, nationally consistent position, despite NR/L2/SIG/50040 defining signalling discipline ownership of TSR/ESR design and verification and identifying IRSE-licensed roles for designer and verifier.</p> <p>Competence requirements should be explicit. In practice, TSR/ESR designs are produced and independently verified by IRSE-licensed signalling designers and verifiers; however, Mod B20 does not state this clearly. This omission has, at times, resulted in non-licensed or non-engineering staff being asked to review ESR/TSRs. NR/L2/SIG/50040 and NR/L3/TRK/7006 already indicate IRSE-licensed designer and verifier roles; Mod B20 should mirror this explicitly to remove doubt.</p> <p>There is also ambiguity regarding interpolation in calculations. NR/L2/SIG/50040 states that interpolation between speed tables is not permitted, and that interpolation between gradients should only be used in specific conflict situations, whereas GKRT0075 provides MDD/MSBD datasets without an explicit, unified rule on interpolation in Mod B20. This leads to route-by-route divergence on whether interpolation can be used in warning-board positioning and deceleration calculations. Mod B20 should explicitly align to a single position on interpolation to avoid inconsistent design outcomes.</p> <p>Process tools are fragmented. Mod B20 references an NR-</p> | Is there any further guidance on UK Accredited facilities and which other testing facilities can be used? Is there a process for Network Rail to review the acceptability of testing facilities, or an approved list of facilities?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | In Progress           |
| CHL/285 | 13/10/2025    | NR/L2/RMVP/0200 - Infrastructure Plant Manual [Issue 16]    | Rail Mounted Vehicle & Plant     | Challenge for efficiency across the business by integrating maintenance inspections and project works.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Add clause for project to inform PIC when any new semi-permanent or permanent RRAP's will be installed or when any existing RRAPs will temporarily be removed in order to provide the TME the opportunity to inspect track components whilst they are exposed and visible.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | In Progress           |
| CHL/286 | 13/10/2025    | NR/L2/RMVP/0200 - Infrastructure Plant Manual [Issue 16]    | Rail Mounted Vehicle & Plant     | Challenge to improve safety and reduce risk of plant and people being placed on the wrong line.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Proposal to add an amber clause (or at least a green clause) that any new permanent, semi-permanent or temporary RRAP's shall have a plate fitted to the 4ft of the sleepers either side of the RRAP to identify track name / track ID.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | In Progress           |
| CHL/287 | 13/10/2025    | NR/L2/RMVP/0200 - Infrastructure Plant Manual [Issue 16]    | Rail Mounted Vehicle & Plant     | Proposal to update standard to improve sustainability.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Remove the use of new hardwood RRAP surfaces in the construction of new permeant, semi-permeant or temporary RRAP's (may be the only concession is if the hardwoods are already in stock and are to be used for the spot replacement and maintenance of RRAP's or serviceable hardwood is proposed to be used).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | In Progress           |
| CHL/288 | 15/10/2025    | NR/L3/TRK/2049 - Track Design Handbook [Issue 14]           | Track                            | <p>Proposed update to avoid confusion amongst designers and project teams.</p> <p>Maximum stepping distances are shown on the diagram and this is being misunderstood as a requirement within track or platform edge design and there is a risk that people use these dimensions to influence the specification of the platform edge position rather than the requirements in GI/RT7020. This also leads to technically incorrect statements that 'the platform has non-compliant stepping distances.'</p> <p>The requirement is for a positive clearance to the platform edge and the platform edge position is clearly specified in GI/RT7020.</p> <p>The stepping distances are specified in GM/RT2173 - 'Size of vehicles and position of equipment' (a rolling stock standard) are used to specify the requirements for step positions on new or modified rolling stock based on a nominal (i.e standard / target) position.</p> <p>In short, the stepping distance is of interest, but it is not the requirement. This is regularly iterated in RSSB presentations.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Remove the maximum stepping distances from the diagram.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | In Progress           |
| CHL/289 | 15/10/2025    | NR/L3/TRK/2049 - Track Design Handbook [Issue 14]           | Track                            | Green clause regarding longitudinal gradient through platform does not align with RIS-7016-INS requirements and guidance (and supporting research project) and NTSN INF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Proposal is to remove sheet E.1.6 entirely or update green clause to align with or sign post to RIS-7016-INS and NTSN INF.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | In Progress           |
| CHL/290 | 15/10/2025    | NR/L3/TRK/2049 - Track Design Handbook [Issue 14]           | Track                            | <p>Minimum dimension for platform widths is mis-leading. Risk that people misunderstand this 'minimum' dimension to be the 'minimum viable product.'</p> <p>There is a risk that the minimum platform width quoted on sheet E1.6 would still result in a non-compliant design from a NTSN Mobility or pedestrian flow / fire evacuation point of view.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Remove this sheet entirely from the standard or state that this is a minimum dimension subject to compliance with other standards. Preference is to remove as requirements for platform widths are well documented elsewhere.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | In Progress           |
| CHL/291 | 15/10/2025    | NR/L3/TRK/2049 - Track Design Handbook [Issue 14]           | Track                            | Missing symbols from the notes make it unclear if the dimensions quoted on the diagram are a minimum or a maximum dimensions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Option 1 - Add * to note 1 to indicate a minimum dimension and add # to note 2 to indicate a maximum dimension.<br>Option 2 - Remove sheet entirely as content is out of date and / or well documented elsewhere in other standards.<br>Preference is option 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | In Progress           |
| CHL/292 | 15/10/2025    | NR/L3/TRK/2049 - Track Design Handbook [Issue 14]           | Track                            | <p>Challenge against amber clause. Not clear if a variation would be required as amber clause requires '... an allowance for stopping accuracy (this is normally the length of the train plus 20m). This is then followed by a green clause which says this may be reduced to the length of the train being 10m.</p> <p>It could be interpreted that a design is compliant if an allowance has been provided even though it is less than 20m but others have interpreted this in the past as being non-compliant if 20m allowance has not been achieved.</p> <p>The allowance for stopping accuracy is incorrectly described, it is not the length of the train plus xx metres, the allowance is simply the xx metres.</p> <p>The 20m or 10m is also excessively generous, trains regularly stop within platforms braking from much higher speeds than in sidings with nominally 5m inaccurate stopping.</p> <p>It would also be unreasonable to apply this clause in the renewal of an existing siding due to condition for example.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p>Re-word this clause to the effect of...</p> <p>AMBER: 'New, extended or shortened sidings shall be of sufficient length to accommodate the train intended to use them, including any allowance required for signalling (including sighting, train detection, insulated joints signage) and an allowance for inaccurate stopping.</p> <p>GREEN: The allowance for inaccurate stopping should be considered on a case by case basis including considerations for stabling of multiple trains on one siding and any coupling and joining of trains which may be required.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | In Progress           |

| ID      | Date Received | Standard Challenged                                                                         | Primary Standards Steering Group    | Subject                                                                                                                                                                                                                                                                                                                                                                                                                 | Simplified Summary of Challenge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Current Process Stage |
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| CHL/293 | 17/10/2025    | NR/L3/SIG/10064 - General Instructions to Staff Working on S&T Equipment [Issue 13]         | Signalling                          | To understand where the minimum distance from the running edge of 2406mm (if unboarded conductor rail) is applicable. This requirement does not align with the E&P Standard NR/L3/ELP/27250/CRE/802, section 11.3, point (a) which states that single protective boarding is required on the "outside of the conductor rail where it is within 1m of an authorised walking route, for the length of the walking route". | The section 4.2 of NR/GI/C001 states: "The minimum distance from the running edge is 1300mm, but a distance of 2000mm shall be provided where practicable. This shall be increased to 2406mm adjacent to an un-boarded conductor rail, or 2100mm where the maximum permitted speed exceeds 100mph". The proposal is to clarify whether the minimum distance of 2406mm (measured from the running edge) is related to the line speed or regardless of it.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | In Progress           |
| CHL/294 | 17/10/2025    | NR/L2/TRK/1054 - Inspection and Maintenance Procedures for Crossings in Track [Issue 6]     | Track                               | Prescribed minimum action code for UIC 761A (Longitudinal crack in the apron not hidden by fishplates) = YOH for all track categories (daily visual inspection and remove within 4 weeks). Not repairable.                                                                                                                                                                                                              | Relax MAC to relax the frequency of inspection and extend remediation timescale where the length of the crack is measured as small. Suggest:<br>-Where crack length is 20mm or less and no evidence of cracking in the core pocket there is a MAC of Y2 (fortnightly reinspection).<br>-Where 21-35mm length and no evidence of cracking in the core pocket there is a MAC of Y1K (weekly reinspection and removal is within a 26 week timescale).<br>-Where over 35mm crack length or there is evidence of cracking in the core pocket there is a MAC of YOH (daily reinspection and removal within a 4 week timescale) - as per current standard MAC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | In Progress           |
| CHL/295 | 20/10/2025    | NR/L2/TRK/001 - Inspection and Maintenance of Permanent Way [Issue 26]                      | Track                               | There is an amber clause to 'Complete the TEF3240 to determine the minimum permitted rail strength' but fully completing the TEF doesn't calculate the minimum permitted rail strength. This standards challenge is also to correct existing errors in TEF 3240.                                                                                                                                                        | Update TEF 3240 to calculate the minimum permitted rail strength and to fix other incorrect formula/text references such as: 1) Amend look up tables to provide results when the linespeed is <21mph, 2) Remove reference to 'zero time' or clarify what this refers to as it isn't in mod 9, 3) have a prompt for rail depth that the maximum value is xmm where xmm is defined by the rail section, 4) Cell J46 is a value when it should be a formula looking to the date rail laid in P10, 5) correct formula in J48 and J49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | In Progress           |
| CHL/296 | 20/10/2025    | NR/L2/INF/02202 - Records management of health and safety files [Issue 7]                   | Information Management              | Clarification is sought on whether a H&S file has to be submitted to NRG when there is no design or change to the infrastructure. Predominantly for Works Delivery Eastern high volume maintenance and resilience activities.                                                                                                                                                                                           | WD Eastern have a wide spectrum of works from high volume maintenance and resilience activities to standalone projects and it is not clear when the standard should be applied.<br>WD and Client interactions resulted in differing opinions. Some do not require a H&S File to be returned to NRG but others do, regardless of whether the infrastructure has changed and no design has taken place. I.e. Discipline specific source records updated.<br>WD Resilience projects do not change the infrastructure. But where these are undertaken, 'AMP' is undertaken and Ellipse and/or other databases updated. Therefore, AMP becomes a H&S file 'vehicle'.<br>WD projects that introduce infrastructure change follow the above standard, AMP and the updating of source records.<br>The intention is to apply the standard where a 'Design' is required. In this scenario a 'design' is defined as: Where a design is required that alters the infrastructure and source records require updating to reflect the change.<br>A reduction in Health and safety files being submitted to NRG creates substantial efficiency in workload for the majority of the project teams and Clients, reducing costs and increasing time to concentrate on other areas of focus.<br>Where Works Delivery Eastern do not apply the above standard, 'AMP' shall be undertaken and Asset Databases/registers shall be updated as required. Ensuring the asset owner has full knowledge of works undertaken.<br>A list of applicable work types is in the WD Eastern proposal. | In Progress           |
| CHL/297 | 21/10/2025    | NR/L3/OPS/084 - Line Clear of Vehicle(s) Arrangements Following Engineering Works [Issue 7] | Operations Principles and Standards | This form is the only LCV form that does not include a box to record the date placed or removed, only the completion date is recoded . All other LCV forms capture this information , which ensures consistency and clarity across the documentation                                                                                                                                                                    | Add sections for date placed or removed,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Accepted              |
| CHL/298 | 22/10/2025    | NR/L3/SIG/10661 - Signalling Maintenance Task Intervals [Issue 28]                          | Signalling                          | Working group, hosted by Eastern Region (Adrian Moss) found that residual voltage testing at 6 yearly was unproductive                                                                                                                                                                                                                                                                                                  | Amend 10661 to allow TC04-PT1 task to be FoF frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Not Proceed           |