Standards Challenge Applications (October 2026)

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. NR/L3/CIV/030 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 Non-Compliance – Tracker No 3115 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NR/L2/RSE/100/Guide	Network Rail Assurance Panel	NR/L2/RSE/100/Guide	Request for document to be withdrawn as it is out of date.	Standard withdrawn as a result of this challenge application
STDCHAL-000011	17/04/2018	NR/L3/INI/P3M/126/01	Projects	Requirements Framework	Clarification concerning who is accountable for the RRD.	Standard withdrawn as a result of this challenge application
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 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/MPI/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.	Applicant advised to progress as variation application.
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 Electrical Power	Earth electrode/mat connections	Clarification of requirements for connecting earth electrode/mats.	Applicant advised to progress as variation application.
STDCHAL-000025	26/07/2018	NR/L3/CIV/020	Buildings & Civils	Bridge Strengthening	Minimum train live loading values applied to bridge strengthening schemes.	Applicant advised to progress as variation application.
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/MPI/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 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 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).	Applicant advised to progress as variation application.
STDCHAL-000037	21/02/2019	NR/L2/CTM/025 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 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 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/MPI/ENG/EP3736860	Electrical	Points Heating Equipment	Securing of Point Heating Strips	Accepted
STDCHAL-000053	22/05/2019	NR/L3/CIV/020 Issue 1 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 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

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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 whist working on platforms.	Accepted
STDCHAL-000062	01/05/2019	NR/L3/INI/CP0063 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 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
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 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 NR/L3/CIV/040 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 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 NR/L3/CIV/039 NR/L3/CIV/040 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 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 NR/CIV/SD/441 NR/CIV/SD/442 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 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/MPI/ENG/EP3736860 NR/EP/SD/4005, NR/EP/SD/4006 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 NR-L2-INI-EDT-CP0091 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

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STDCHAL-000123	09/09/2020	NR/L2/CIV/003	Buildings & Civils	Asset Status Reports	Provison 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 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
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 NR/L3/SIG/SG0111 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 (cl.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 requireemnt 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	Accldental 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 & responsiblities	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 & responsiblities	Records of Verifying documents - Add a box to the form where references to Verifying documents can be recorded. 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 & responsiblities	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 & responsiblities	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. 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.	Applicant advised to progress as variation application.
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

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
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: - Clearly stated requirement for post installation CCTV surveys to be undertaken. - require that copies of any discharge consent are provided to the RAM as part of the handover. - 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 cl.5.3.2.	Accepted
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. - 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 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. 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 L2/OHS/0044F02 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 illumnance requriements.	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 5.10 / 5.11/ 5.12 …. Cracks	Mixing of Weed killer. Update to provide requirements and details for the provision of date tabs.	Accepted
STDCHAL-000205	29/04/2022	NR/I2/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

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
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	Withdrawl 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
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 https://mcveighparker.com/clipex	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. 13.4.10 is worded incorrectly.	Permitting use of 24 plate edition and stating the permitted number of failed plates proportionately. 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						Not Proceed
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 Station Pedestrian Capacity & Evacuation Review 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 Vortox Stressing Roller intervals	Accepted

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
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. 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? 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
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 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 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: - change this clause from amber to green - allow a review with the PRE (similar to those being appointed as Responsible Signal Engineer) - 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

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
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 maintian 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 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 Adding geolocation would be a significant step forward in structures management / repair.	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
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	Discrepancy 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. 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'. 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. Clause refers to PE-MS-005 which is incorrect. The reference should be to NR/L3/SCO/311/04	Amend to 'Route Services'. 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

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
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) 6.2 Fuse Connection- Form 6.3 Fuse Load Factors Clause 5.2-Use of Packing Shims 6.4.1 & 6.4.4-Enabling Safer Inspections 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: -Beam -bracket bolted connections -Grouted anchors -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. . 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'.	Accepted
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
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 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. 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: For level crossings with continuous train detection conditions b) and c) are appropriate ie. controls require b) or c). 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. Replacement of this rule with EN norm equivalent.	Accepted

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
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. 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. 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. 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	Not Proceed
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 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. 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. 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" 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
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. 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.	Accepted
CHL/171	20/02/2025	NR/L2/SIG/30009 - Signalling Principles Handbook [Issue 29]	Signalling	Platform OFF indicator. Banner Repeaters	Prove the Main Signal alight in the OFF indicator controls. 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. 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.	Not Proceed
CHL/178	11/03/2025	NR/L3/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.	Not Proceed
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. 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. 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. 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 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.' Clarification that 'Manging, maintaining and integrating with existing system interfaces is not a system change.'	Not Proceed

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
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. 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.	Not Proceed
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".• 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. 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
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"	Accepted
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 TEF3029 for this failure - states MAC 9F - immediate ban to facing moves, weld repair within seven days NR/L2/TRK/001 Module 7 has the list of all MACs - 9F does not exist	Clause 4.12 is correct TEF 3029 - amend wording, removing 'within seven days' 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: *Where ARFR is provided then it shall be applied following successful reset of the section,* 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: a) the section does not already have an EPR applied; 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…”. 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. Consider the impact of the transition shift in track design.	Accepted
CHL/201	29/04/2025	NR/GN/CIV/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.	Accepted
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. 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.	Accepted
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.	Accepted
CHL/204	30/04/2025	NR/L3/TRK/2049 - Track Design Handbook [Issue 14]	Track	Table 1 out of date.	Remove table 1. 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. 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)	Accepted

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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: 'Modelling of operational capacity shall not be required if it can be demonstrated that: 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 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. 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. 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. 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 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.	Not Proceed
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] 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. Suggested amendment: Radius between 500m and 350m subtract 9°C Radius between 350m and 250m subtract 12°C 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 Spec states c) posts • steel o section; 3925mm long 127×76×13mm UB/RSJ pointed at top this is incorrect	Amend steel section size to 127mm×76mm×13 Kg/m	Accepted
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. NC welds reported as 2/3C defects we would have 2 weeks to inspect. NC welds reported as 2H defects we would have 7 days to inspect. NC welds reported worse than 2H (2B, 2A, 1A, 2BW1, 1BW1) defects inspect within 48 hours as per current standard.	Accepted
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
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] 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] 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] 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. 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.	Not Proceed
CHL/222	19/06/2025	NR/L3/TRK/2049 - Track Design Handbook [Issue 14]	Track	NR/L3/TRK/2049/mod05 - System Interfaces [Issue 2] 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 proccess 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

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
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 The normal limits of 110mm for speed of upto 40mph and 100mm for above 40mph, place all the NR60Mk1 in the exceptional range. 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. The third paragraph only refers to canopies and trainsheds. The second paragraph includes more elements. One of these paragraphs should be removed for clarity.	Accepted
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. 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	Accepted
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
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. 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. 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.	Not Proceed
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	Accepted
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. 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

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
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 6.1 Option development 6.1.1.1 Requirements	Update the standard in line with the following which can be presented as a flow chart. 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). 2) If the electrical clearances are satisfactory then move to 3), if not go to 4) 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) 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. 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.	Not Proceed
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." 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. Module 16, Level B should be replaced with Level A as the minimum competence required. 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	Accepted
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.	Not Proceed
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.	Accepted
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

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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 similar to the attached 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. For example, for a signal disconnection the templated design requires the RDD contact to be placed next to the HR for the signal. At the specific sites it may be more suitable for the RDD contact(s) to be placed elsewhere in the circuit; for example if the HR is remote from the interlocking, or it could be placed elsewhere to deliver efficiency with Signal Works Testing requirements.	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 contains incorrect data so i intended to offer feedback to this website outlining the errors. Unfortunately, i can't find the entry in the drop-down menu so can't continue. So i considered reporting the issue in the overriding standard, but that isn't in the dropdown either. Neither is the other standard the form is in (above) so i reached a dead-end. The only course of action i could think of was to report something against the primary catalogue..... but that's not in either. So this standard got lucky. I have no idea if this will reach the intended recipient but i apologise sincerely to anyone inconvenienced by this.	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.	1. That additional materials, and importantly their density factors, need to be added to the Standard TEF3299, for all percieved construction materials. 2. The current wagon types be updated to match those that are available within NR's fleet, and remove the old wagons no longer used. 3. Add in warnings to certain wagon types that not all the material can be emptied i.e. the 4 corners of a Hawk can leave upto 4t in a wagon, that's on average 10% of the wagons capacity. 4. Add in density factors for new materials, and consider if any density variations need to be considered for compacted or loose density factors. i.e. type 1 can range from 2.2t to 1.8t depending if its compacted or uncompacted. 5. The contingency factor needs to have a warning related to Item 3 above, plus need further warning about over ordering of materials. WHAT HAPPENS TO EXCESS MATERIAL NOT USED ON SITE ? 6. The TEF form needs to have built in a strict file naming convention, along with revision control and automatically date stamped. 7. The TEF form needs to have electronic signatories for the originator and checker. This will then confirm who and when it was completed and whom it was checked by.	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 (especially those involved with projects or even renewals) hold a PTS but have never had any 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 canâ€™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 COSSâ€™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 hasnâ€™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	Not Proceed
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.	Not Proceed
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.	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

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
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
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.	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'.	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.	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.**B**riefly 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. 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.	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.	â€¢Remove RTE6001 from station platform requirement (Section 7.5). â€¢Clarify RTE6018 at entrances only; RTE6008 acceptable for platform gates. â€¢Restrict RTE6001 use in stations to SECRA-identified risks only. â€¢Permit RTE6008 instead of RTE6001 in unrestricted public areas. â€¢Redefine â€œunrestricted public areasâ€• as non-platform zones (car parks, viaducts). â€¢Exempt station OLE masts with anti-climb guards from signage. â€¢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. â€¢For VCC structures with wire height <4.165m - RTE6029 (Low Wire Height) 400x250mm should be affixed to the abutment at track level, viewable in the direction of travel. â€¢Access points signage update: flash mark + ECR phone number for electrified areas. No extra signage unless risk assessed. â€¢Supplementary warning signage along the route should only be as defined by risk assessment.	Not Proceed
CHL/282	03/10/2025	NR/L3/ELP/27240 - Distribution Work Instructions [Issue 13]	Electrical	Alternative approach	3.4 Trough Routes 1.Visual check that the trough alignments are correct and warning signage or markings are clearly visible. 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	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 â€œapprovalâ€•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. 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. 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	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. Mod B20 should be explicit in whether IDCs and the appointment of a CRE (Design) are required. 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. 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.	In Progress

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
CHL/284	08/10/2025	NR/L2/CIV/005 - Drainage Systems Manual [Issue 2]	Off Track	Network Rail Standard ref. NR/L2/CIV/005/09 Section 10 requires testing certification aligned to the relevant BS EN standards and to Network Rail performance characteristics. For reinforced concrete structures the testing of the structural performance characteristics is not required for most applications in the Eurocodes, as concrete is a well understood material that has been in use for a long time. Design in accordance with the Eurocodes means that Factors of safety for ULS and SLS service conditions are built into the design. Testing certification aligned to the Eurocodes for reinforced concrete would generally comprise concrete quality/compressive strength tests and using steels with standardized certification (CE/UKCA marking). On this basis, for reinforced concrete products, if the properties/quality of the materials are demonstrated through testing/standardized certification would this satisfy the testing requirements? If not please can more clarity be provided on the expectation. Similarly, in relation to the design life, we would make reference to relevant standards to determine the design life (including the following) rather than relying on testing. BS EN 13369 : 2023 Common rules for precast	Is there any further guidance on UK Accredited facilities and which other testing facilities can be used ?Â Is there a process for Network Rail to review the acceptability of testing facilities, or an approved list of facilities?	Not Proceed
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 RRAPâ€™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.	Accepted
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.	Accepted
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).	Accepted
CHL/288	15/10/2025	NR/L3/TRK/2049 - Track Design Handbook [Issue 14]	Track	Proposed update to avoid confusion amongst designers and project teams. 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.' The requirement is for a positive clearance to the platform edge and the platform edge position is clearly specified in GI/RT7020. 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. In short, the stepping distance is of interest, but it is not the requirement. This is regularly iterated in RSSB presentations.	Remove the maximum stepping distances from the diagram.	Accepted
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.	Accepted
CHL/290	15/10/2025	NR/L3/TRK/2049 - Track Design Handbook [Issue 14]	Track	Minimum dimension for platform widths is mis-leading. Risk that people misunderstand this 'minimum' dimension to be the 'minimum viable product.' 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.	Proposal to remove this sheet entirely from the standard or state that this is a minimum dimension subject to compliance with other standards. My preference is to remove as requirements for platform widths are well documented elsewhere.	Accepted
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. Option 2 - Remove sheet entirely as content is out of date and / or well documented elsewhere in other standards. My preference is option 2.	Accepted
CHL/292	15/10/2025	NR/L3/TRK/2049 - Track Design Handbook [Issue 14]	Track	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. 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. 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. 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. It would also be unreasonable to apply this clause in the renewal of an existing siding due to condition for example.	It is proposed to re-word this clause to the effect of... 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. 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.	Accepted
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.	Accepted

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
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) = Y0H 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: -Where crack length is 20mm or less and no evidence of cracking in the core pocket there is a MAC of Y2 (fortnightly reinspection). -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). -Where over 35mm crack length or there is evidence of cracking in the core pocket there is a MAC of Y0H (daily reinspection and removal within a 4 week timescale) - as per current standard MAC.	Accepted
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	Accepted
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. 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. WD Resilience projects do not change the infrastructure. But where these are undertaken, â€˜AMPâ€™ is undertaken and Ellipse and/or other databases updated. Therefore, AMP becomes a H&S file â€˜vehicleâ€™. WD projects that introduce infrastructure change follow the above standard, AMP and the updating of source records. The intention is to apply the standard where a â€˜Designâ€™ is required. In this scenario a â€˜designâ€™ is defined as: Where a design is required that alters the infrastructure and source records require updating to reflect the change. 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. Where Works Delivery Eastern do not apply the above standard, â€˜AMPâ€™ shall be undertaken and Asset Databases/registers shall be updated as required. Ensuring the asset owner has full knowledge of works undertaken. A list of applicable work types is in the WD Eastern proposal.	Not Proceed
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 un productive	Amend 10661 to allow TC04-PT1 task to be FoF frequency	Not Proceed
CHL/299	28/10/2025	NR/L2/OHS/00124 - Competence specific medical fitness requirements and supplier requirements for medical assessments [Issue 3]	Health & Wellbeing	Two overlapping, often duplicating medicals for Drivers who also require Sentinel access.	1. Allow a single clinical episode to produce two outputs on the same day: the driver decision and the NR/L2/OHS/00124 decision uploaded to Sentinel. 2. Permit documentary conversion where a current driver medical exists: undertake a paper review and capture any NR-specific items (e.g. AHI and usage for sleep apnoea, colour vision, hearing thresholds), then record the NR decision in Sentinel. 3. Clarify the minimum evidence that must be visible in Sentinel for site verification and audit.	Not Proceed
CHL/300	29/10/2025	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]	Signalling	The module does not provide sufficient guidance on the production, control or issuing of Signal Sighting Forms (SSARs) for use by Installation and Testing Staff.	The aforementioned standards require a fully co-ordinated review to consider if SSARs are the best form of documentation to enable construction and testing staff to procure, build, instal and validate lineside signals and signage.	In Progress
CHL/301	30/10/2025	NR/L2/TRK/001 - Inspection and Maintenance of Permanent Way [Issue 26]	Track	1. Should this be in Mod14 instead, since it concerns SFT management? 2. The table is quite complex. Could it be simplified, or a calculator be issued to accompany it?	1. Move the table to NR/L2/TRK/001/Mod03 2. Simplify the table or include a calculator spreadsheet with the standard	Accepted
CHL/302	30/10/2025	RT/CE/S/010 - Geotextiles (NR/SP/TRK/010) [Issue 2]	Track	The BS 6906 Part 2 referred by the document is now withdrawn and not accepted for compliance purposes.	The performance requirement needs to reflect the updated and Current BS standards.	Accepted
CHL/303	30/10/2025	NR/L2/OHS/019 - Safety of People at Work on or near the line [Issue 12]	Workforce Safety	Clauses 5.1.3 and 5.1.4 effectively mandate the use of 2 person teams for all DC conductor rail isolation support activities. No distinction is made between activities that require track access (when a 2nd person, ie a COSS, is required) and activities that can be undertaken from a place of safety with no track access (when there is no safety case for a 2nd person).	Amending 5.1.3 so that subsections (b) and (d) do not apply where the task is operation of lineside switch gear, eg NSCD, Track Feeder Switch, Track Disconnector. Amending 5.1.4 so that it reads "not allow working alone as part of the operation of conductor rail mounted switches or the manual application of portable short circuits."	Not Proceed
CHL/304	31/10/2025	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]	Signalling	Controlled (intermediate) signal Modules A5-1 Symbols for Plans and Sketches used in Signalling Applications has not been updated to included the "I" symbol for a controlled (intermediate) signal. NR/L2/SIG/30009/D310 Issue 4 already has the symbol included in Appendix C for VSCS workstations.	Include the symbol for Controlled (intermediate) signals.	Accepted
CHL/305	04/11/2025	NR/L3/CIV/0063 - Pilling, Drilling, Crane, MEWP, SPMT and similar plant operations, on or adjacent to the Railway [Issue 2]	Buildings & Civils	This is not a challenge as such, more a requirement for clarity in wording as approaches within the industry are varying. 10.3.4(b)2(c) and 10.3.5(c) state particular uplift factors for foundation of 'other lifting equipment'. What classes as 'other lifting equipment' is not 100 % clear and being interpreted differently by different parties. Particularly when it comes specifically to piling rigs, do they come under this category?	the afore mentioned sub-clauses should be amended by the standard owner to specifically clarify whether piling rigs fall within this requirement.	Accepted
CHL/306	05/11/2025	NR/GN/CIV/025 - The Structural Assessment of Underbridges (formerly RT/CE/C/025) [Issue 3]	Buildings & Civils	In a Network Rail commissioned study, which has since been Cat 3 checked by an independent company using different software, the original BS5400 clause was shown to be very conservative. The findings have been presented to the Underbridge Assessment Working Group but have received no comments or questions.	Replace clause 9.7.4A entirely with "Replace BS 5400: Part 3 Clause 9.7.4, including the note, by: Where the flange thickness varies along the length of a beam, and those thicknesses are judged to reasonably follow a parabolic variation in bending moment, the value of Î»LT should be taken as 1.067 times the value obtained from 9.7.2 or 9.7.3 using the values of ry and v appropriate to the section where the limiting moment of resistance is to be derived."	Accepted

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CHL/307	05/11/2025	NR/L3/CIV/15101 - Index of Standard Designs and Details for Building and Civil Engineering Works [Issue 2]	Buildings & Civils	Provision of details for listed and protected structures	Additional standard details are added for listed and protected structures constructed from ashlar masonry to include: 1, Repair of structures made from bath stone respecting the world heritage site status given to the city of bath 2, use of mortars and repair methods for carved stone 3, requirements for listed building consent approvals for listed structures 4, provide guidance and parameters for conservation works to listed buildings 5, pinning details currently provided for brickwork should be reviewed for suitability for large cut stone masonry 6, use of mortar mixes using to soft stones which suit the structure	Not Proceed
CHL/308	05/11/2025	NR/GN/CIV/025 - The Structural Assessment of Underbridges (formerly RT/CE/C/025) [Issue 3]	Buildings & Civils	In a Network Rail commissioned study, which has since been Cat 3 checked by an independent company using different software, the original BS5400 clause was shown to be very conservative. Part of this investigated the effect of the level (up and down) of the applied load on the capacity of a beam. The current Clause 9.6.2 includes the adverse effect of load applied at the top of a beam, is neutral for loading at the vertical centroid, but ignores the stabilizing effect, very common on Network Rail half-through bridges, of loading near the bottom.	Add Clause 9.6.2A: In Clause 9.6.2, delete the definition of k2 and replace with: k2 = 1.2 if the vertical load is applied to the top flange and both the flange and the load are free to move laterally; = 1.0 if the load is applied at the centroid: = 0.9 if the load is applied in the lowest 1/8th of height of the web, where the level is taken as the centroid of the cross-girder end connection. Values may be linearly interpolated.	Accepted
CHL/309	06/11/2025	NR/GN/CIV/025 - The Structural Assessment of Underbridges (formerly RT/CE/C/025) [Issue 3]	Buildings & Civils	This clause is an artefact of the original rules that BS5400 is based on. The effect does not exist yet its inclusion leads to a significant proportion of bearing stiffener "Failures" during assessment.	Replace Clause 9.12.5.2.2 A in its entirety with: "9.12.5.2.2 A Fs1 = 0 for simply supported bridges. On continuous bridges, if there is a measurable kink in the top flange at the support, Fs1 shall be calculated as the sum of the transverse components of the top flange forces resulting from bending."	Accepted
CHL/310	06/11/2025	NR/GN/CIV/025 - The Structural Assessment of Underbridges (formerly RT/CE/C/025) [Issue 3]	Buildings & Civils	This clause is an artefact of the original rules that BS5400 is based on. The effect does not exist yet its inclusion leads to a significant proportion of bearing stiffener "Failures" during assessment. This is a similar challenge to CHL/309. If applied correctly, as written, this effect is much smaller. Unfortunately, BS5400 is not written clearly here and this has led to incorrect application historically with very large loads resulting.	Replace Clause 9.12.5.2.3 A in its entirety with: "9.12.5.2.3 A Fs2 = 0 for simply supported bridges.	Accepted
CHL/311	06/11/2025	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]	Signalling	The current clause states: The amber lights shall be illuminated and the audible warning for pedestrians shall begin to sound. The duration of the amber lights shall be three seconds; however, in recently updated standards, there is an acknowledgement that the amber RTL light may need to be extended to 5 seconds based on a risk assessment of the scheme .	Propose that the standard is aligned to other recently updated Modules (e.g ModX15) and updated to say: The required amber warning time shall be: a) 3 seconds (+/-0.25s); or b) 5 seconds (+/-0.25s) where required by NRA. NOTE 1: The extension from 3 to 5 seconds is used to provide users additional time to traverse the level crossing. NOTE 2: The amber light time and tolerances are specified by the Traffic Signs Regulations and General Directions.	Accepted
CHL/312						
CHL/313	10/11/2025	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]	Signalling	6.1.16 is an amber clause. Nominally 127mm but may be altered cannot be adhered to as all road surfaces vary at individual crossings.	This is made to a green clause with Minimum XXmm and Maximum YYmm as guidance and if the gap exceeds this, the local LX Manager is consulted.	Accepted
CHL/314	13/11/2025	NR/L3/SIG/10064 - General Instructions to Staff Working on S&T Equipment [Issue 13]	Signalling	The new terminology 'suitably familiar with system type' is subjective and may lead to inconsistent competence assessment which could lead to user error and incorrect disconnections applied. The use of unregulated Standardised Line Blocks (SLBs) is dangerous In Issue 2, clause 3.3 requires independent verification by referencing wiring diagrams and control tables. Issue 3 removes any explicit mention of these technical references.	"Suitably familiar with system type" needs to be replaced with "suitably competent with the equipment being disconnected" enabling the competency and skill to be audited and be part of skills assessment scheme. Reinstate a mandatory requirement to cross-check all disconnections and controls against control tables or wiring diagrams. The independent verifier should document the design references used. SLBs need to be regulated with reference to diagrams and control tables. Reinstate a mandatory requirement to cross-check all disconnections and controls against control tables or wiring diagrams. The independent verifier should document the design references used and disconnections should be checked after being implemented.	Not Proceed - DECISION APPEALED
CHL/315	16/11/2025	NR/L2/CTM/012 - Competence & Training In Signal Engineering (formerly NR/SP/CTM/012) [Issue 3]	Signalling	No mention is made of the SIG/ELP/50003 and the various precautions referenced within	Inclusion of all or parts of SIG/ELP in this competency. Test before you touch is not a competency that is referred to.	Accepted
CHL/316	17/11/2025	NR/SP/ELP/21030 - Specification for prefabricated and modular steel housings for electrical distribution equipment [Issue 2]	Electrical	Clause 7.2 – Environmental Conditions Clause 7.3 – Maintainability Clause 7.5 – Service Life Clause 7.6 – Internal Environment / Ingress Protection Clause 7.11 – Finish and Resistance to Corrosion Clause 9.4 – Cooling Clause 9.9 – Housing Materials and Dimensions Clause 9.10 – Thermal Insulation Clause 9.30 – Welding	To review NR/SP/ELP/21030 and remove prescriptive material assumptions that limit performance-based compliance, enabling sustainable and climate-resilient housing systems aligned with modern regulatory and lifecycle expectations.	Accepted
CHL/317	19/11/2025	NR/L2/OHS/0044 - Planning and managing construction work (formerly NR/L3/INI/CP0044) [Issue 5]	Workforce Safety	There is no mandated timescales for how frequently the CPP should be reviewed.	Mandate a maximum timescale for which the CPP should be reviewed and if necessary revised (as an amber clause).	Not Proceed
CHL/318	20/11/2025	NR/L2/CSG/STP001 - Standards and Controls Management [Issue 10]	Company Standards & Controls Group	Add Level 4 group of standards for Regional documents	A new level of standard is created to add regional process documents, work instructions, management plans and specifications to the standards management process	Not Proceed
CHL/319	20/11/2025	NR/L3/MTC/SE0115 - Confined Spaces Working and Entry Procedure (formerly NR/PRC/MTC/SE0115) [Issue 2]	Workforce Safety	Document should be refreshed to incorporate the requirements of NR/L2/OHS/019 to ensure the responsible manager is in overall charge of the risk assessment and timings for confined space entry.	Robotic and remote control technology to mitigate the need to enter a confide space has developed a lot since the standard was last issued this should be reflected in the risk assessment produced to justify the need to enter a confined space	Accepted
CHL/320	20/11/2025	NR/L3/MTC/SE0195 - Hand Arm Vibration Management [Issue 4]	Maintenance	Update to incorporate current best practice	The standard has not been updated for a number of years. There are multiple smartwatch systems on the market to measure hand arm vibration in the wrist of the tool users, which capture exposure data and warn of exceedances of exposure time.	Not Proceed
CHL/321	21/11/2025	NR/L2/ELP/21085 - Earthing and Bonding on A.C. Electrified Railways [Issue 7]	Electrical	Issue 7 of the standard: "the end of the cable at which the connection to traction return is made shall be such that the 'gapped end' is at low level."	Remove the clause stating the gapped end should be at low level or re-write to explain how and why this should be done.	In Progress
CHL/322	21/11/2025	NR/L2/ELP/21085 - Earthing and Bonding on A.C. Electrified Railways [Issue 7]	Electrical	Cable sheath, screen or armouring - Black, Duplicate	HV cable screen bonds should be marked as Red according to the definition of a red bond as they are dangerous if disconnected. Where cable screens apply to LV cables this is not the case. Where cable screens apply to control cables this is not the case.	In Progress
CHL/323	27/11/2025	NR/L3/SIG/10064 - General Instructions to Staff Working on S&T Equipment [Issue 13]	Signalling	Updates to STP001/02.	Review the content of this section to reflect the updates to STP001/02.	In Progress
CHL/324	27/11/2025	NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]	Track	does not reflect latest practice - clause is a blanket coverall for all longitudinal bearer systems and does not differentiate between natural wood timbers and synthetic FFU timbers	Wording change to clarify if the clause relates to all wheel timbers or only those made from natural wood.	Not Proceed
CHL/325	28/11/2025	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 20]	Signalling	The standard is missing several current and typical symbols	There are several symbols that should be added.	Accepted
CHL/326	29/11/2025	NR/L2/RSE/02009 - Engineering Management for Projects [Issue 8]	Systems Engineering	Approval for construction before complete design AFC	Clarify whether individually approved minor civil works may proceed under documented progressive assurance arrangements before the complete signalling design achieves AFC.	Closed

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
CHL/327	01/12/2025	NR/L2/TRK/6100 - The Installation and Maintenance of Stretcher Bars [Issue 6]	Track	For mechanical S&C it is not possible to comply as fitting of a supplementary drive makes the points too heavy for the signaller to operate, leading to injury to signaller and/or loss of operation of the points.	Amend clause exemptions. Suggested wording of additional exemption: "Mechanical Points with line speed greater than 40mph shall have a tubular stretcher bar fitted at the rear position, but are not required to have a supplementary drive fitted.	Not Proceed
CHL/328	02/12/2025	NR/L3/SIG/11231 - Signalling Maintenance Testing Handbook (SMTH [Issue 22]	Signalling	This should be changed to reflect what is written in NR/L2/SIG/30014/D115/DT4-01 part 3 for the detection test.	This should be changed to: For systems with micro switches operate the micro switches which are not compressed, for both the open and closed switches in turn.	Accepted
CHL/329	02/12/2025	NR/GN/CIV/025 - The Structural Assessment of Underbridges (formerly RT/CE/C/025) [Issue 3]	Buildings & Civils	The railway loading, both statically and dynamically, does not represent current trains allowed on the Network and, effectively, applies dynamic factors to freight trains based on the fastest passenger train on that route.	Agree more realistic trains to replace RA1 loading, with a freight wagon (currently ALW) based on GMGN2688 travelling at a maximum of 60mph AND a passenger DMU (exact pattern to be agreed) travelling at linespeed	Not Proceed
CHL/330	02/12/2025	NR/L3/CIV/023 - Assessment of Footbridges [Issue 1]	Buildings & Civils	The ULS factored intensities of pedestrian loads are not possible and should be reduced to be realistic	Reduce the ULS partial factor of safety to 1.2 from 1.5. Reduce the minimum UDL's from 5, 4 and 3 to 4 and (probably) 3 and 2kN/sq. m.	Accepted
CHL/331	03/12/2025	NR/L2/ASR/036 - Assurance Framework [Issue 7]	Corporate Investigation and Assurance	The existing audit ratings need to be reviewed and guidance provided on how the rating should be determined as the current standard is leading to inconsistent application of audit ratings. Additionally, the requirements for Good include pre-empting and exceeding company requirements, which means even a fully compliant area only receives a FAIR rating.	Review the existing Appendix B and provide clearer guidance and consider adding an additional rating for areas exceeding company requirements such that a fully compliant area can be given a good rating.	Accepted
CHL/332	04/12/2025	NR/L2/OHS/00120 - Drugs and Alcohol Standard [Issue 8]	Health & Wellbeing	The clause in question states "All breathalysers used shall only be those which are Home Office approved." Prior to the current standard version this was an amber requirement, allowing reasonable alternatives. This version of the standards has made this mandatory.	There is a European standard, EN 15964, which is specifically written for the breathalysers used by the police at the roadside and by professional organisations. Amend the standard to specify compliance with EN 15964 or amend the wording (eg to specify a fuel cell type instrument) or revert to an amber requirement.	In Progress
CHL/333	04/12/2025	NR/L3/MTC/SE0212 - Safety management Of contractors [Issue 2]	Maintenance	There is little guidance on the level of surveillance required for contingent labour.	Provide additional guidance on the level of surveillance that is appropriate for contingent labour, including those used on a one off, occasional (i.e. several times a year) and regularly (several times a period),	Not Proceed
CHL/334	07/12/2025	NR/L3/SIG/11231 - Signalling Maintenance Testing Handbook (SMTH [Issue 23]	Signalling	The log slip in Part one is at variance to the NR Electronic log slips	There is no facility to show additional test plan used when the * is encountered.ie the second column of ticks. SMTH recerts are based on the standard NOT the elctronic log slips.	Not Proceed
CHL/335	12/12/2025	NR/L3/TEL/30181 - Telecoms Maintenance Work Instructions Handbook [Issue 14]	Telecommunications	Module NR/L3/TEL/30181/006 - GSM-R/GSM Lineside Telephones [Issue 1] Service A & B	Change frequency to 6 monthly to bring it in line with other solar panel checks and add additional steps in to check the solar panel terminations which have been subject to corrosion, and add a requirement to check the panel itself is free of dirt which can effect the charging of the battery	Accepted
CHL/336	15/12/2025	NR/L2/ELP/27716 - Electrical and mechanical clearances on overhead electrified railways [Issue 1]	Electrical	Section 9.1 The standard requires that mechanical clearances of less than 25mm shall not be permitted without written agreement from the regional engineer. Whilst this seems reasonable for [MC01] - [MC04], historically [MC05] has always been 15mm (GL/RT1210 issue 1 & 2), as the interface between the pantograph and the support is well controlled. As such this value has been used to calculate the minimum staggers for UK1 and UKMS and the heel setting on the OLEMI / UKMS bridge arm drawing. Given the pan is in contact with the arm, it could never achieve normal clearance (>100mm), should [MC05] be treated differently?	Clearance [MC05] be treated separately to the other mechanical clearances, with a minimum value of 15mm required in previous standards.	Accepted
CHL/337	17/12/2025	NR/GN/TRK/7001 - Index of Track Work Information Sheets (TWI) [Issue 21]	Track	Confusion regards the selection of appropriate scotch and clips for CEN60 rail type.	CEN60 tab to include shallow depth text or CEN 60 and associated follow chart tabs to be added/ migrated into SHALLOW DEPTH, CEN56 E1/ CEN, 54E1A1 section.	Accepted
CHL/338	18/12/2025	NR/L2/SIG/50035 - Competence Standard - Competence and Training in Signal and Level Crossing Engineering [Issue 9]	Signalling	Clause 2 The wording of the section is too open ended.	Change the standard to make it mandatory for all staff in the scope section to watch the videos.	Accepted
CHL/339	22/12/2025	NR/L2/CIV/003 - Engineering and Architectural Assurance of Building and Civil Engineering Works [Issue 9]	Buildings & Civils	Interdisciplinary interfaces / temporary works check items	Section C currently states " satisfactory completion of works by other disciplines" which is fine for a large project based scheme with multiple teams of cross discipline expects but the form should also cover taking into use for single discipline activities which may have created unforeseen interdisciplinary issues Three new standard items should be added to the list: 1, Work have not changed Signal sighting distances 2, Works have not changed clearances between Overhead line conductors and the structure without agreement of the OLE Engineer 3, Rail to structure gauge check have been completed where necessary and documented on a TEF 3203. Temporary works are covered by the scope of the document under option 2 but no specific checks are included in section C, BS 5975 requires Temporary works are listed on a register and inspected as per the designers intent . A new item should be added to Section C to cover Temporary works when left in place as follows 3, Arrangements have been made for the inspection and maintenance of temporary works as per the designers requirements	Not Proceed
CHL/340	22/12/2025	NR/L2/RMVP/0172 - Management of the control and calibration of inspection, measuring and test Equipment [Issue 3]	Rail Mounted Vehicle & Plant	All content relating to ultrasonic testing equipment is out of date, some equipment is no longer available, and the standard refers to specific suppliers on several occasions.	Review Appendix A.4 and all related CAL documents CAL601 - CAL610	Accepted
CHL/341	24/12/2025	NR/L3/TEL/00061 - Procedure for Works Impacting GSM-R [Issue 1]	Telecommunications	The F061 application is used to inform DDaT, the operator of the GSM-R system that changes are required. One element not covered on the F061 is updates to the GSM-R technical file.	The F061 should be updated, to include a question which relates to Technical File updates.	Not Proceed
CHL/342	02/01/2026	8000/1 - Hot Weather Guidelines for Permanent Way [Issue 2]	Track	Whilst the guidance note 8000/1 is still largely valid and very useful for both maintenance and projects, it has been some time since this document was last reviewed and updated, last update published March 2011.	I propose a review and update of the document, to include:	Accepted
CHL/343	02/01/2026	NR/L3/TRK/3406 - Design, Installation and maintenance of modular bearer joints [Issue 5]	Track	All modules of NR/L3/TRK/3406 and associated video only include requirements and guidance with respect to the original 'shroud' style bearer joint. They do not contain any requirements or guidance for the new resilient style joint.	Proposed to update to include requirements and details for the new resilient style joint.	Accepted
CHL/344	02/01/2026	NR/GN/TRK/059 - Delivering High Quality S&C Renewals [Issue 1]	Track	NR/GN/TRK/059 was last updated in December 2016 and does not include guidance on the new resilient style split bearer joints.	Review and update standard to: - include guidance on new style resilient joint. - include reference to NR/L2/TRK/3406. - rationalise content / duplication with NR/L2/TRK/3406 and any conflicts. - include any other updates to reflect current best practice.	Accepted
CHL/345	02/01/2026	NR/L3/TRK/003 - Index of Track Engineering Forms [Issue 53]	Track	Since the risk categorisation tool (TEF3262) was developed, the resilient modular bearer joint has been developed and product approved for new installations, (PA05/07535). The original shroud style joint is known to have issues and the new resilient style joint was developed to help mitigate these measures, however, TEF3262 does not differentiate between the two types of joints.	Update TEF3262 to reflect the different types of joint available to help inform specification / design decisions and risk management.	Accepted
CHL/346	06/01/2026	NR/L2/ELP/27716 - Electrical and mechanical clearances on overhead electrified railways [Issue 1]	Electrical	There is no guidance in relation to the OLE system with Tunnels. Section 5 of Module 05 details electrical clearance tables in relation to OCLS design to overline structures however It is not clear if the overline structure category applies to both bridges & tunnels.	CRSA design are proposing that for OLE design within a tunnel there be an exemption for the requirement for CM02 & the standard to be updated to include guidance for the OLE system design within Tunnels.	Accepted

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
CHL/347	08/01/2025	NR/L2/TEL/30135 - Video Surveillance Systems (VSS) [Issue 6]	Telecommunications	Whilst the current version of NR/L2/TEL/3135 Issue 6 makes reference to % of coverage requirement for a particular location i.e. 95 % floor coverage / 'Detect', it does not make any reference to the Pixels Per Metre DORI requirement which forms part of the Industry standard.	To make a clear reference to the DORI industry standard and pixels per metre and clear requirements for testing and proving compliance.	Accepted
CHL/348	08/01/2025	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 21]	Signalling	In 'Calculation Method', two example calculations are provided to illustrate what is described within the text. The example calculation does not match what is described in the text. In addition, no result for the calculation is provided.	The intention of the 2nd example requires calrification and the example calulation needs to be adjusted to match the text. A result for the calculation should be included.	Accepted
CHL/349	08/01/2025	NR/L2/TEL/30105 - Compliance with Fixed Telecoms Network Design Criteria (formerly NR/SP/TEL/30105) [Issue 2]	Telecommunications	The standard is outdated & mandates the use of Fixed Telecoms Network design criteria for projects supplying telecoms cables and transmission equipment (SDH transmission equipment provided by Alcatel).	Withdrawal or update to latest DDaT FTNx methodologies & processes.	Accepted
CHL/350	09/01/2025	NR/L3/ELP/27250 - Conductor Rail Equipment - Design and Maintenance Working Instructions [Issue 10]	Electrical	The standard does not specify how many cables must be installed when there is only a single track.	Reduce number of 800mm2 cable from Rectifier to common connection plate (or Impedance bond) for Single track route.	Not Proceed
CHL/351	09/01/2025	NR/L2/ELP/21085 - Earthing and Bonding on A.C. Electrified Railways [Issue 7]	Electrical	The statement that "Flash over strips shall be installed such that they are not positioned directly above the track centre line and that the gap between the contact line and the flashover strip is not less than 600".	This statement should be deleted from the standard along with some of the associated guidance notes. These all conflict with more sensible requirements set out on drawing MS/C99/J53/A3 and the work of NR/L2/ELP/27716	Not Proceed
CHL/352	14/01/2026	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 21]	Signalling	To change the yellow (amber) text to either green or expand the wording to allow for digital reviews.	Proposal to make the 4.3 ' The review shall be undertaken by the PE (Signal) at the design authority's offices prior to the return of the records to NRG' Green section of the standard or reword to allow for a remote view of the files digitally.	Accepted
CHL/353	16/01/2026	NR/L3/OPS/045 - National Operating Procedures Index [Issue 40]	Operations Principles and Standards	A number of tables within the standard refer to measured weight of lever operation. There is a lack of clarity as to whether this measured weight is the average of the instructed 3 pull/pushes (clause 9.4) or any individual measured weight.	Amend the table titles to "average weigh measure" vice "weight measured".	Accepted
CHL/354	20/01/2026	NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]	Track	The clause states, 'Where installed on concrete, composite and timber sleepers and timber bearers, lateral resistance plates shall be configured as follows on curves with a radius between:' and then lists the requirements. However, it does not explicitly state that LERPs must be fitted to curves with these radii.	The clause be re-worded to either mandate that LERPs must be fitted (if this is the intention of the clause), or make it clear that they are optional?	Accepted
CHL/355	26/01/2026	NR/L2/TRK/6100 - The Installation and Maintenance of Stretcher Bars [Issue 6]	Track	Amending the process for how we calculate and set free wheel clearances when setting and maintaining adjustable, or Tubular stretcher bars.	Remove the adjustment for wide gauge, and to have stretcher bars set at the nominal length regardless. Gauge adjustment does not take place without Signalling presence as described in SIG/19810 Clauses 5, 6, and Supported in Appendix A.	Not Proceed
CHL/356	26/01/2026	NR/L2/TRK/001 - Inspection and Maintenance of Permanent Way [Issue 27]	Track	Plus or Minus 6 either way allows for a maximum stagger of 12mm, which puts additional strain on equipment and back drive componentry to operate.	Manage all S&C to a tighter tolerance similar to those in manufacturing (+/-5mm) any of those outside of this tolerance will initiate an actionable defect to rectify	Not Proceed
CHL/357	27/01/2026	NR/L2/SIG/11107 - Silver Migration [Issue 4]	Signalling	Clause 4	Silver Migration (L2/SIG/11107) – remove 'annually' from clause 4 to allow this to be scheduled with the EL21 / EL31 / Track Circuit Service which could be up to 728.	Accepted
CHL/358	27/01/2026	NR/L3/SIG/11231 - Signalling Maintenance Testing Handbook (SMTH [Issue 23]	Signalling	Contradictory information regarding disconnection of the section from the interlocking.	Review the content of general clauses 1st and 2nd clauses and steps 2 and 21.	Accepted
CHL/359	28/01/2026	NR/L2/CTM/021 - Competence and Training in Track Worker Safety [Issue 5]	Workforce Safety	The challenge is that the prescriptive six-month, time-based PTS learning support requirement under NR/L2/CTM/021 does not reflect TES's operating model or current best practice.	TES proposes that the prescriptive six-month time-based PTS learning support requirement in NR/L2/CTM/021 be amended to a competence-based model rather than an elapsed-time model.	Accepted
CHL/360	29/01/2026	RT/E/S/10138 - Train Protection and Warning System (TPWS) Transmitter Loop Requirements And Positioning (NR/SP/SIG/10138) [Issue 3]	Signalling	The current standard (as modified by TI022) doesn't clearly communicate the decision that was taken in the original TPWS roll out that the minimum set speed for Buffer Stop OSS is 12.5MPH - even where the linespeed is 10MPH.	Clarify that the minimum set speed for buffer stop OSS is 12.5MPH (ideally with an amber requirement) regardless of the linespeed.	Accepted
CHL/361	30/01/2026	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 21]	Signalling	Document still reflects GRIP delivery and hasn't been updated to PACE	Update of clause 4.2 to reflect current processes.	Accepted
CHL/362	30/01/2026	NR/L3/SIGELP/50001 - Signalling Power Distribution Equipment above 175 V AC [Issue 7]	Electrical	The document when there was only one approved IMD manufacturer and so the document states specifically that the instruction is only relevant for that manufacturer's equipment.	There are now 2 additional approved suppliers of IMDs which require similar work instructions to reflect their approval for use in this application or the current work instruction needs to be amended to be generic or to specifically include the alternative products.	Accepted
CHL/363	02/02/2026	NR/L3/SIG/11231 - Signalling Maintenance Testing Handbook (SMTH [Issue 23]	Signalling	Guidance on photos in eSMTH	Add guidance that photos of record cards (e.g. those completed for asterixed tasks) can be attached to eSMTH log slips	Accepted
CHL/364	03/02/2026	NR/L2/OTK/5201 - Vegetation Management Manual [Issue 7]	Off Track	Inclusion of signal and sign sighting in planned work and include required reading distances.	Update section 5.2 to include that sighting for signals and signs should be cleared to required reading distance (i.e. not just to the minimum). Update section 5.3 to include planning to maintain required reading distance for signals and signs.	Accepted
CHL/365	03/02/2026	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 21]	Signalling	Update to module to require red/green colouring to be used for changes to mechanical designs	Add requirements and guidance on the use of red and green colouring on mechanical designs in line with those used for electrical designs.	Not Proceed
CHL/366	04/02/2026	NR/L3/CIV/006 - Structures, Tunnels and Operational Property Examinations Manual (Formerly Handbook for the Examination of Structures) [Issue 15]	Buildings & Civils	Error in Figure C-1. Partially contradictory with Table 7 in Clause 8.7.3.	Correction of Figure C-1.	Accepted
CHL/367	05/02/2026	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 21]	Signalling	Minor update to B20 to reflect/refer to later requirements for Speed Discrimination (i.e. VAMOS flex)	Update Mod B20 to either include the requirements/more details from S51 or to refer to S51.	Accepted
CHL/368	05/02/2026	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 21]	Signalling	Proposed update to recognise Mk2 OD equipment	Update section 10 of X02 and or Mod X21 section 21 to reflect the introduction of Mk2 (IDS) OD equipment	Accepted
CHL/369	05/02/2026	NR/L2/SIG/19807 - Prioritisation Of Signal Engineering Equipment Defects (Formerly NR/SP/SIG/19807) [Issue 2]	Signalling	Clarify prioritisations of signalling defects at Level Crossings	Provide further detail to signalling staff. 19807 only contains very limited details for level crossings. XNG/202 contains much more details, but is not briefed to signalling staff nor is it signposted from 19807.	In Progress
CHL/370						
CHL/371	10/02/2026	NR/L2/OHS/501 - Trackworker Protection and Warning Systems [Issue 9]	Workforce Safety	7.2 Calibration and Servicing The requirement does not fit with manufacturer instruction and there is no technical benefit as the instruction is written.	Amend Red box clause to state: Biennial calibration of mobile equipment shall be carried out by the Delivery Unit. The equipment shall be registered in the Delivery Unit calibration register with the calibration carried out alongside the SMS/SW04 task. Also recommend update to SMS/SW04 to state calibration is required when performing the SW04 maintenance.	Accepted
CHL/372	10/02/2026	NR/L2/ELP/27715 - Overhead Contact System Design Specification [Issue 4]	Electrical	The standard states that the distances between a booster transformer and each of its associated midpoint connections shall not differ by more than 200m.	It is proposed the standard clause is changed to differentiate between MPCs in route and MPCs at termination.	In Progress
CHL/373	10/02/2026	NR/L2/MTC/089 - Arrangements for the exchange of asset data and the continuing maintenance of assets undergoing change [Issue 3]	Maintenance	Update from one size fits all process / budget holder notifications.	The standard is updated to allow for updates to new industry processes (rail works coordinator) which have some duplicated the functions of the AMP process. Currently there is a one size fits all process within the standard regardless of the size or complexity of the project being undertaken. it is proposed that projects which have no interface other than notification via AMP 1 are excluded from the standard as the Rail works coordinator is now managing this interface.	Not Proceed
CHL/374	11/02/2026	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 21]	Signalling	Section H.2.4 Disengagement / Route Releasing	Either the control table template should be updated to include TRTS has part of AUX controls or the instructions in A5-3 should be updated to detail how TRTS control should be depicted on the control tables.	In Progress
CHL/375	11/02/2026	NR/L3/SIG/10064 - General Instructions to Staff Working on S&T Equipment [Issue 14]	Signalling	4.1 Application of Physical Disconnections There does not seem to be any logic / good reason behind the inclusion of this clause. Physical disconnections can be implemented using the same process outlined in the	Remove clause completely. Or amend clause such that physical disconnections for T3-D may only be implemented with agreement of the PRE(S).	Accepted

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
CHL/376	12/02/2026	NR/L2/OHS/00120 - Drugs and Alcohol Standard [Issue 8]	Health & Wellbeing	Clause 10.10.9 states that when two breath samples are taken, the lower of the two results must be reported as the final alcohol reading. This clause aligns broadly with workplace testing principles, but does not reflect the common approach used in EWDTSâ€'aligned workplace alcohol testing, where the second (confirmatory / witness) test is regarded as the authoritative result because it is taken after an observation period and is witnessed and signed by both donor and collector.	The standard be updated to reflect EWDTS good practice, whereby the second breath specimen, taken after the mandatory waiting period, witnessed, signed and validated, is the final reportable result.	In Progress
CHL/377	13/02/2026	NR/L2/XNG/30020 - Level Crossing Design Handbook [Issue 5]	Level Crossings	The use of a 2m danger area can create issues where the existing fence is less than 2m from the running area or there are steps closer than 2m to the line.	Allowing the use of a lower distance than 2m where linespeeds are below 100MPH - it is noted that rigid barriers for staff safety are permitted at 1.25m from the nearest line so a distance below 2m would still seem to avoid the risk of people stood outside the danger area being struck.	Not Proceed
CHL/378	13/02/2026	NR/L2/CSG/STP001 - Standards and Controls Management [Issue 10]	Company Standards & Controls Group	Clarity and understanding of green clauses in standards. The current wording for green clauses is that these are referred to as 'guidance', whereas in reality green clauses can often be requirements. The use of term guidance and stating that guidance is not monitored for compliance is having the effect that people do not believe these are mandatory requirements and require a documented alternative to be in place if they wish to vary against.	The language used to define green clauses be updated to make it clear that green clauses can also include requirements as well as guidance. The alternative would be that all requirements need to be made amber to ensure compliance unless varied against.	Accepted
CHL/379	13/02/2026	NR/L2/CSG/STP001 - Standards and Controls Management [Issue 10]	Company Standards & Controls Group	Ability to vary against red clauses	At the working group for SPT001/04 it was discussed that red clauses are being varied against as agreed with the standard owner. If this is allowed then the current wording that red clauses cannot be varied against needs amending to make this clear.	Accepted
CHL/380	16/02/2026	RT/E/S/10133 - Train Protection and Warning System (TPWS) Signalling Interface Design Requirements (NR/SP/SIG/10133) [Issue 3]	Signalling	Section 7	Provide guidance on the impact on Telephone Concentrators	Accepted
CHL/381	17/02/2026	NR/L1/SIG/50021 - Signalling Asset Policy [Issue 6]	Signalling	The SEU definition for Cab Signalling Block Section Marker	Amend notes to include: "Where Bi-directional signalling is provided and back to back block section markers are used, this shall be counted as 1 SEU"	Accepted
CHL/382	23/02/2026	NR/L3/CIV/006 - Structures, Tunnels and Operational Property Examinations Manual (Formerly Handbook for the Examination of Structures) [Issue 15]	Buildings & Civils	Clause 8.8.2 Table 8 'drainage hazard as per 7.2.' as a higher risk hazard influence to restrict the maximum DE interval to 6 years.	It is proposed that the DE interval for culverts should not be should not be limited to 6 years on the basis that it is a 'drainage hazard as per 7.2.' Reference to 'A drainage hazard as per 7.2.' as a higher risk hazard influence should be removed from Table 8.	Not Proceed
CHL/383	23/02/2026	NR/L3/TRK/003 - Index of Track Engineering Forms [Issue 53]	Track	The statement is poorly worded and could lead to ambiguity, a YES/NO response could mean the same thing depending on what has been edited/struck out.	Re-phrase the statement V as follows: 'The site has been pan checked (NR/L3/ELP/27237 module OLE/B17) and confirmed as compliant'.	In Progress
CHL/384	24/02/2026	NR/L3/CIV/006 - Structures, Tunnels and Operational Property Examinations Manual (Formerly Handbook for the Examination of Structures) [Issue 15]	Buildings & Civils	The first bullet point states "The AE(S) shall undertake a risk assessment when either: A detailed, visual, enhanced, or underwater examination remains outstanding after the site tolerance is exceeded; or The detailed or visual examination birthday of an asset has been moved by more than 3 months into the future in accordance with 12.1. " This is an error as the clause refers to itself.	The clause needs revision such that it is not referring to itself.	Accepted
CHL/385	26/02/2026	NR/GN/TRK/058 - S&C Track Design Good Practice Guide [Issue 1]	Track	1. The colour-coded column headings in Tables 1, 2 & 3 differ from the statements in sections 6 and 7, which state Good, Average, and Poor design. 2. The colour-coded columns in Tables 1, 2 & 3 could get confused with the NR standard Red, Amber, Green (RAG) classification on page 2.	1. Tables 1, 2, & 3 column headings, suggested to update with Good, Average and Poor design for a meaningful/consistent checklist. 2. Tables 1, 2, & 3 - suggested to show only coloured text in green, amber and red for good, poor and average design instead of colour-coded columns or change the colour-coded columns to a better colour that can differentiate with RAG classification.	Accepted
CHL/386	26/02/2026	NR/L3/OPS/045 - National Operating Procedures Index [Issue 40]	Operations Principles and Standards	Principles section - Sample gathering - Training requirements - Role of Investigating Officer - Reference to company ESG	A more prescriptive description of when swabbing should be undertaken. Clarity of roles and responsibilities within the standard especially around training and competency, the role of the Investigating Officer and the Operations Risk Advisor. Removal of references to ESG in favour of a more general term Potentially a removal of specific instructions for use.	Accepted
CHL/387	03/03/2026	NR/L2/TRK/2500 - Engineering Assurance Arrangements for the Design and Construction of Track [Issue 4]	Track	Robustness regarding permissible speed increases and or EMGTPA increases.	Propose an additional item and design and acceptance category which mandates checking and NR acceptance requirements to ensure that there has been suitable demonstration and evidence recorded for projects to a) justify raising a PSR or EMGTPA on existing track and b) to record and agree a schedule of works where existing track is not suitable. A separate TEF could be created for this purpose and is essentially therefore a pre-requisite TEF to any Form A or Form B. The 'design' of any items identified in item b) would subsequently be managed as business as usual 'design' failing into one of the existing checking and acceptance categories already in Appendix B.	Accepted
CHL/388	05/03/2026	NR/GN/CIV/200 - Station Design Manual [Issue 10]	Buildings & Civils	Tactile paving - Image 3.5 and clause 3.2.8.	Image 3.5 and clause 3.2.8 should be revised to be consistent with BS 8300-1 and the other best practice guidance. Alternatively NR/GN/CIV/200/05, Issue 1, 03/09/2022, could simply refer to the other documents rather than attempting to repeat requirements from other published sources.	Accepted
CHL/389	18/03/2026	NR/L2/OHS/00124 - Competence specific medical fitness requirements and supplier requirements for medical assessments [Issue 3]	Health & Wellbeing	Hearing aid usage in hearing tests.	With Advances of hearing aid and enhancement, there has not been consideration for the hearing loss element to be reviewed.	Accepted
CHL/390	19/03/2026	NR/L3/SIG/10064 - General Instructions to Staff Working on S&T Equipment [Issue 14]	Signalling	(NR/GI/M003 and NR/L2/SIG/10158) fail to reference manufacturer alignment instructions or mounting requirements.	1. Include or formally reference the manufacturer's PLJI alignment procedure (C64.65631) within the applicable standards or associated guidance. 2. Embed manufacturer alignment steps - cover removal, mount attachment, safe handling of SLM conduit, securing hex spacers, and use of the PLJI specific scope mount - into the standardised method. 3. Ensure the PLJI sighting scope adaptor (PADS 0086/021185) is mandated and recognised as the correct tool for alignment.	In Progress
CHL/391	23/03/2026	NR/L3/TRK/1300 - Re-profiling and Grinding of Running Rails, including Switches and Crossings [Issue 1]	Track	TEF3309 and TEF3314.	Reformat TEFs and additional information added to allow better decision making including minimum rail depth following the miller.	In Progress
CHL/392	24/03/2026	NR/L2/TRK/001 - Inspection and Maintenance of Permanent Way [Issue 28]	Track	Removal of the requirement for completing stressing overlaps from the standards.	1. Give a positive confirmation briefing that 90m overlaps are not longer required in any circumstance, or, 2. Update NR/L2/TRK/3011 to clearly define when and what level of stressing overlap is required (suggestions below): - Do not re-introduce a standard 90m overlap but align the length of the required overlap to that of the anchor length of the type (and effectiveness) of fastenings present (as per NR/L2/TRK/3011 Issue 7 9.6 Table 2).	Accepted
CHL/393	24/03/2026	NR/L2/OHS/020 - Track Visitor Permits (formerly RT/LS/S/020) [Issue 6]	Workforce Safety	The explanation of the ratio of COSS to blue hard hats needs clarification. While some read it as 1COSS: 3 blue hard hats, others in my business argue it as 1 COSS:3 TVP holders (therefore, more than 3 blue hard hats can be accompanied by a COSS).	Clarification on the ratio. Is it blue hard hats (i.e. other PTS holders) or just TVP holders?	Not Proceed

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CHL/394	26/03/2026	NR/L3/TRK/003 - Index of Track Engineering Forms [Issue 54]	Track	Standard NR/L3/TRK/003 states the current version of TEF3284 is issue 1 dated Dec 20 is the current version-template form saved on system is issue 2 dated June 2021	Update standard NR/L3/TRK/003/ to match current issue of form NR/L3/TRK/003/TEF3284	Accepted
CHL/395	30/03/2026	NR/L3/MTC/RCS0216 - Risk Control Manual [Issue 33]	Maintenance	Exposure of dust from rail grinding activities to our frontline colleagues and passengers at stations.	An additional column or section in these standards to consider if additional mitigations or requirements are required to ensure the containment of dust generated from rail grinding activities.	In Progress
CHL/396	02/04/2026	NR/L2/TRK/0132 - Maintenance Arc Welding of Rails, Switches and Crossings [Issue 8]	Track	To remove the need for a weld inspection on FCAW plain line repairs. Keep the U5 inspection as per current standard.	Remove the Wi2 inspection for all FCAW plain line repairs, MMA plain line repairs will still be inspected as per current standard.	Accepted
CHL/397	07/04/2026	NR/L2/TRK/001 - Inspection and Maintenance of Permanent Way [Issue 28]	Track	TEF 3020 contains errors, these have been corrected in a subsequent spreadsheet but this has not bee published on the standards website	Publish the corrected version of TEF 3020	Accepted
CHL/398	07/04/2026	NR/L2/CIV/044 - Planning, Design and Construction of Undertrack Crossings [Issue 4]	Buildings & Civils	The minimum depth of cover between the underside of the sleeper and the crown of the UTX does not align with the requirement in NR/CIV/SD/5610.	Reduce the minimum depth of cover between the underside of the sleeper and the crown of the UTX from 900mm to 650mm, to align with the requirement in NR/CIV/SD/5610.	Accepted
CHL/399	09/04/2026	NR/L3/OPS/251 - Unmanned Aircraft System (Drone/UAS) Operations [Issue 4]	Operations Principles and Standards	Standard requires NR UAV operatives to have passed a Network Rail Air Operations internal flight assessment within twelve months of achieving their NQE/RAE qualification. These flight assessments are currently not being run by AirOps so it is not possible to conform with this standard.	Remove requirement for internal flight assessment as demand cannot be met.	Not Proceed
CHL/400	09/04/2026	NR/L3/CIV/030 - Platform Components and Prefabricated Construction Systems [Issue 3]	Buildings and Architecture	Clause refers to NR/L3/CIV/005 Railway Drainage Systems Manual which we understand isn't a current standard reference	Update to NR/L2/CIV/005 Drainage Systems Manual to remove potential confusion	In Progress
CHL/401	14/04/2026	NR/L2/RMVP/00022 - 400V 3 Phase a.c. Shore Supply Equipment for Use in Non Electrified Areas (Formerly NR/PS/ELP/00022) [Issue 2]	Rail Mounted Vehicle & Plant	The standard is inappropriate to modern working methods, equipment obsolescence, rolling stock development and engagement with electronic devices on board modern day rolling stock.	Revert back to being FYI only status, or 'Non Mandatory' as it was for 12 years before findings its way to being live again. It's being used inappropriately to reference alternate rolling stock types as there was only one rolling stock type (HST) that this standard was written around. And the content pre-dates Railtrack time.	In Progress
CHL/402	14/04/2026	NR/L2/SIG/19812 - Cross Track Cable Management [Issue 2]	Signalling	There is an amber clause which says 'hollow steel sleepers shall not be used for the conveyance of earth bonds or traction power cables.' Shouldn't this be a red clause, if the clause exists for a safety reason.	Make the clause above a red clause and ensure any updates to NR/L2/TRK/2102 align	Not Proceed
CHL/403	14/04/2026	NR/L3/ELP/27237 - Overhead Line Work Instructions [Issue 27]	Electrical	The level 2 standard NR/L2/ELP/21087 has not been updated to recognise C06A and C07A. The frequency of inspection has not been specified for these new tasks. Standard Jobs have not been created in ELLIPSE. In the case of C06A it is not clear if this task is intended to replace the high level section insulator maintenance scheduled task or whether it is an additional optional task. Types of section insulators vary and each have individual work instructions for high level maintenance, some of which (HS25) require measurements to be taken of skid & rod wear. It is not clear how this measurement element has been dispositioned.	Delivery Units on NW&C Region shall only implement these work instructions following a structured Risk Based Maintenance Analysis, updates to Risk Based Maintenance document and sign off from Principal Route Engineer (E&P).	In Progress
CHL/404	14/04/2026	NR/L2/SIG/30021 - Alterations to Authorised Line Speeds [Issue 2]	Signalling	The standard only lists the effect permissible speed changes may have on the the level crossing.	Any changes to speeds through or near level crossings and an increase in barrier down time should look at the consequence of this change beyond the railway, i.e. the effect on the highway and public and road user safety. Include the above as a consideration in Appendix A.	Accepted
CHL/405	14/04/2026	NR/L2/OPS/031 - Assessing and assuring the impact of operational risks relating to changes to the train plan (formerly NR/L2/OCS/031) [Issue 10]	Operations Principles and Standards	The standard only lists the effect changes in the Train Plan may have on the level crossing and the risk to the railway.	Any changes to the Train Plan and an increase in barrier down time should look at the consequence of this change beyond the railway, i.e. the effect on the highway and public and road user safety. Update standard to include requirement to assess changes in risk beyond the railway.	Accepted
CHL/406	14/04/2026	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	The competence and authority levels required to raise a Permissible Speed Restriction (PSR) have been removed from NR/L2/TRK/001 mod 13 (issue 9) and the module now signposts to NR/L2/SIG/30021 for raising a PSR. However, NR/L2/SIG/30021 does not provide details of competence or authority levels, neither does NR/L3/TRK/1020 which also signposts to NR/L2/SIG/30021 for raising a PSR. Therefore the competence requirements and authority levels for raising a PSR are not clear and it could be interpreted that there are no authority or competence levels required for raising a PSR.	Update NR/L3/TRK/1020 to include requirements for competency and authority levels for raising a PSR on: a) new or renewed track; and b) on existing track. Update NR/L2/TRK/001 mod 13 to signpost to NR/L3/TRK/1020 for raising a PSR.	In Progress
CHL/407	15/04/2026	NR/L2/SIG/19820 - Signalling and Level Crossing Product Specifications [Issue 13]	Signalling	6.7 does not provide detail for cases that are not coated. Our stainless steel type legacy cases have a been given reflectivity value by Network Rail to adhere to, wheras our competition isn't being asked to meet this value.	Updating K02 module to specifiy all types of case finishes, along with the requirements Network Rail require for each type.	Accepted
CHL/408	16/04/2026	NR/L2/ELP/27715 - Overhead Contact System Design Specification [Issue 4]	Electrical	Clarification Required - 27715 suggests that Legacy Systems should be managed via NRG and NR/L2/ELP/21120. The Scope defined in 21120 Section 2 does not include reference to Basic Design Drawings	The ownership and responsibility for all Legacy Basic Designs should be transferred back to NR/TA to maintain and promote strong assurance.	Accepted
CHL/409	16/04/2026	NR/L2/RSE/100 - Network Rail Assurance Panel Processes [Issue 10]	Systems Engineering	Identification of commercial off the shelf parts/consumables.	Where parts of a product are consumable (e.g. batteries) and are generally available commercial off the shelf products manufactured by third party and not modified in any way by the equipment supplier, that part and the original manufacturer should be identified on the PA cert and those items should be able to be procured directly from any supplier.	Accepted
CHL/410	16/04/2026	NR/L3/SIG/30082 - Axle Counter System Handbook [Issue 2]	Signalling	The standard is out of date. EMC measurements undertaken for TR100712 show that a Frauscher wheel sensor can be mounted with 0 m separation from TPWS loops. Although the axle counter standard states only a prefered minimum; in the absence of a absolute minimum, the corresponding SWTH test spec mandates 1m as a minimum.	Suggest that 0 m is added to the table for the non-preferred minimum and a #note added to state that Frauscher wheel sensors have been EMC tested to prove compatibility. The corresponding SWTH testing plan should be updated to change the 1 m minimum to 0 m.	In Progress
CHL/411	20/04/2026	NR/L3/ELP/27237 - Overhead Line Work Instructions [Issue 27]	Electrical	The work instruction for MLE isolator (disconnector) maintenance, C07, does not describe how to set the spring force on the jaw contacts. This information is available in the manufacturer's O&M manual.	Add the following sentence and diagram from manufacturer's O&M manual for 800A MLE isolators, which specifies - "The gap between the fixed contacts should be 3mm, see diagram."	In Progress
CHL/412	21/04/2026	NR/L2/OHS/021 - Personal protective equipment (PPE) (formerly NR/SP/OHS/021) [Issue 6]	Health & Wellbeing	PPE requirements for handling PCB-contaminated materials are missing.	Update standard with PCB handling PPE requirements and exceptions.	Not Proceed
CHL/413	22/04/2026	NR/L2/RSE/02009 - Engineering Management for Projects [Issue 8]	Systems Engineering	Signalling teams believe TQs duplicate existing change-control processes.	Recognise signalling test logs/design modifications as equivalent compliance and clarify guidance.	Accepted
CHL/414	23/04/2026	NR/L3/ELP/27241 - Fixed Plant Work Instructions [Issue 9]	Electrical	Generator maintenance does not check fire detection device expiry/testing status.	Add visual check of detector date stickers.	In Progress
CHL/415	23/04/2026	NR/L3/SIG/10661 - Signal Maintenance Task Intervals [Issue 29]	Signalling	Missing Ellipse job numbers for Annetts key release equipment.	Add additional job numbers to Clause 8.3.	Accepted
CHL/416	24/04/2026	NR/L2/OHS/00124 - Competence specific medical fitness requirements and supplier requirements for medical assessments [Issue 3]	Health & Wellbeing	Hearing-aid requirements appear contradictory and outdated.	Review hearing standards and allow consideration of aided hearing.	Accepted
CHL/417	24/04/2026	NR/L2/TRK/1054 - Inspection and maintenance procedures for crossings in track [Issue 7]	Track	Weld repair limits may be unnecessarily restrictive.	Review repair depth limits and allow evidence-based extensions.	Closed
CHL/418	24/04/2026	NR/L2/OHS/00130 - Creating a Site of Work Segregated from the Railway [Issue 3]	Workforce Safety	Mandatory COSS requirement on all station work may be disproportionate.	Clarify where COSS is genuinely required and allow risk-based approach.	Not Proceed
CHL/419	28/04/2026	NR/L2/RMVP/0200 - Infrastructure Plant Manual (formerly known as NR/PLANT/0200) [Issue 17]	Rail Mounted Vehicle & Plant	Plant redeployment can defer maintenance without formal risk assessment.	Require documented risk assessment when maintenance is disrupted.	Not Proceed
CHL/420	28/04/2026	NR/L3/SIG/19808 - Hy-Drive Supplementary Point Drive System [Issue 5]	Signalling	200m maximum points tail cable length is restrictive.	Allow longer lengths with voltage-drop calculations.	Recalled by Challenger
CHL/421	28/04/2026	NR/L3/MTC/MG0221 - Network Operations non-operations staff management self-assurance procedure [Issue 6]	Maintenance	Capital Delivery inclusion in MSA scope is unclear.	Clarify whether Capital Delivery is excluded.	In Progress

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
CHL/422	29/04/2026	NR/L3/TRK/4041 - Maintaining Track Assets at Level Crossings [Issue 1]	Track	Annual level-crossing profile surveys may be excessive.	Move to risk-based survey intervals.	Accepted
CHL/423	29/04/2026	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	Existing L1 handback forms are excessive and track-focused.	Create simpler template and clearer guidance.	In Progress
CHL/424	30/04/2026	NR/L2/ELP/27716 - Electrical and mechanical clearances on overhead electrified railways [Issue 1]	Electrical	Across-track wind requirements at tunnels lack logic/clarity.	Revise methodology and remove train-length comparison.	In Progress
CHL/425	30/04/2026	NR/L3/SIG/19808 - Hy-Drive Supplementary Point Drive System [Issue 5]	Signalling	Same issue as CHL/420.	Permit >200m cables with calculations and RAM approval.	In Progress
CHL/426	05/05/2026	NR/L2/ASR/036 - Assurance Framework [Issue 7]	Corporate Investigation and Assurance	Standard has clarity, competency and governance issues.	Review and address stakeholder feedback.	Not Proceed
CHL/427	07/05/2026	NR/L2/ENV/123 - Prevention of Pollution to Land and Water [Issue 1]	Environment and Sustainability	Transport requirements for PCB-containing equipment are unclear.	Add specific transport requirements, e.g., sealed clear containers.	In Progress
CHL/428	11/05/2026	NR/L2/OPS/031 - Assessing and assuring the impact of operational risks relating to changes to the train plan (formerly NR/L2/OCS/031) [Issue 10]	Operations Principles and Standards	Longer train impacts on level crossing sighting are not considered.	Add assessment prompt for longer trains.	Accepted
CHL/429	11/05/2026	NR/L2/TRK/0032 - Aluminothermic Welding [Issue 7]	Track	NC weld inspection timescales are too restrictive.	Extend inspection intervals based on defect category.	Accepted
CHL/430	12/05/2026	NR/L2/SIG/50035 - Competence Standard - Competence and Training in Signal and Level Crossing Engineering [Issue 9]	Signalling	SINCS engineer competence requirements are missing.	Add competence and sign-off requirements.	In Progress
CHL/431	13/05/2026	NR/L2/OPS/031 - Assessing and assuring the impact of operational risks relating to changes to the train plan (formerly NR/L2/OCS/031) [Issue 10]	Operations Principles and Standards	GSM-R capacity impacts from ETCS/timetable changes not covered.	Add telecoms capacity considerations.	Accepted
CHL/432	15/05/2026	NR/L3/P3M/131 - Document Management Manual [Issue 3]	Capital Investment	File naming restrictions are outdated and too limiting.	Align with ISO 19650 and increase flexibility.	In Progress
CHL/433	18/05/2026	NR/L2/TRK/3100 - Topographic, engineering, land and measured building surveying - Strategy and general [Issue 5]	Track	Standard is too track-specific and contains outdated references.	Broaden scope and update requirements.	Accepted
CHL/434	18/05/2026	NR/L3/ELP/22001 - Procedures and competence requirements for persons undertaking works near high voltage cables and cable routes [Issue 2]	Electrical	Cable route protection requirements are overly prescriptive.	Introduce exemptions and risk-based site visits.	In Progress
CHL/435	19/05/2026	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 22]	Signalling	Signalling Design Strategy (SDS) timing is unclear.	Require SDS approval before design work starts.	Accepted
CHL/436	20/05/2026	NR/L2/TRK/2500 - Engineering Assurance Arrangements for the Design and Construction of Track [Issue 4]	Track	References to TSIs are outdated.	Replace with NTSNs.	Accepted
CHL/437	20/05/2026	NR/L2/OTK/5201 - Vegetation Management Manual [Issue 7]	Off Track	Leaf-fall risk assessment only considers likelihood.	Include consequence-based scoring.	Accepted
CHL/438	20/05/2026	NR/L2/TRK/2500 - Engineering Assurance Arrangements for the Design and Construction of Track [Issue 4]	Track	References withdrawn standards and outdated terminology.	Align with current project-management standards.	Accepted
CHL/439	21/05/2026	NR/L2/TRK/001 - Inspection and Maintenance of Permanent Way [Issue 28]	Track	Sleeper spacing adjustments for steel sleepers seem restrictive.	Introduce +2 allowance at 28 sleepers/length.	Accepted
CHL/440	21/05/2026	NR/GN/OTK/5000 - Index of Off-Track and Drainage Drawings [Issue 4]	Off Track	Fence details for bolt-down posts are missing.	Add drawing/specification details.	In Progress
CHL/441	26/05/2026	NR/L3/CIV/162 - Platform Extensions [Issue 2]	Buildings & Architecture	Platform width requirements conflict with accessibility requirements.	Increase minimum width to 3300mm.	In Progress
CHL/442	26/05/2026	NR/L3/TRK/2049 - Track Design Handbook [Issue 14]	Track	Incorrect cross-reference in siding guidance.	Correct reference and wording.	Accepted
CHL/443	26/05/2026	NR/L3/TRK/2049 - Track Design Handbook [Issue 14]	Track	Guidance for siding intervals is incorrectly structured.	Reorganise layout and headings.	Accepted
CHL/444	28/05/2026	NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]	Track	Ballast profiles on structures are too restrictive.	Allow ballast level with sleeper tops in constrained areas.	Accepted
CHL/445	01/06/2026	NR/L2/TRK/001 - Inspection and Maintenance of Permanent Way [Issue 28]	Track	CRT/SFT guidance lacks clarity and climate resilience considerations.	Clarify calculations, tolerances and special situations.	Accepted
CHL/446	02/06/2026	NR/L3/SIG/11303 - Signalling Installation (Formerly RT/E/S/11303) [Issue 9]	Signalling	Standard incorrectly states Silec treadles cannot fit CEN60 rail.	Remove outdated restriction.	Accepted
CHL/447	03/06/2026	NR/L2/RMVP/0172 - Management of the control and calibration of inspection, measuring and test Equipment [Issue 3]	Rail Mounted Vehicle & Plant	Calibration standard omits new technologies/equipment.	Add tribometers, cooling devices and friction gauges.	Accepted
CHL/448	03/06/2026	NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]	Track	Sections on geometry markings/signage are poorly structured.	Reorganise and update requirements.	In Progress
CHL/449	04/06/2026	NR/L2/ELP/21131 - Warning and Other Signs for A.C. and D.C. Electrified Lines [Issue 4]	Electrical	Earth wire marker installation criteria are inconsistent.	Broaden and clarify application criteria.	Accepted
CHL/450	04/06/2026	NR/L2/CIV/003 - Engineering and Architectural Assurance of Building and Civil Engineering Works [Issue 9]	Buildings & Architecture	Requirement for OSGB36 latitude/longitude is confusing.	Clarify coordinate requirements.	Accepted
CHL/451	05/06/2026	NR/L2/TRK/001 - Inspection and Maintenance of Permanent Way [Issue 29]	Track	"Poor track condition" is undefined for defect management.	Add definitions and guidance, or downgrade requirement.	Accepted
CHL/452	08/06/2026	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 23]	Signalling	Barrier machine cable-size requirements are too prescriptive.	Require engineering calculations rather than fixed sizes.	Accepted
CHL/453	08/06/2026	NR/L2/TRK/001 - Inspection and Maintenance of Permanent Way [Issue 29]	Track	Clause signposting another standard should not be amber.	Review RAG classification.	Accepted
CHL/454	09/06/2026	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 23]	Signalling	Correlation records for new installations can be left blank.	Mandate date or "NEW" entry.	Accepted
CHL/455	10/06/2026	NR/L2/RSE/02009 - Engineering Management for Projects [Issue 8]	Systems Engineering	References withdrawn project-management standards.	Update references.	Accepted
CHL/456	10/06/2026	NR/L3/SCO/311 - Supply Chain Operations, T&RS and OTM Engineering and Management Manual [Issue 5]	Supply Chain Operations (SCO)	No competence module exists for required assessment.	Create CTM205 module.	In Progress
CHL/457	11/06/2026	NR/L2/SIG/11655 - Management of Cable and Wire Insulation Degradation [Issue 4]	Signalling	No requirement to scope assets for recovery to Category 1/2.	Add clause requiring remedial planning.	Accepted
CHL/458	16/06/2026	NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]	Track	New CBX recording form lacks mandatory use.	Add requirement to use TEF3318.	In Progress
CHL/459	17/06/2026	NR/L3/ELP/SAI25 - Working On or About Overhead Line Equipment (SAI) [Issue 5]	Electrical	Earthed isolation planning process is inefficient.	Introduce more flexible planning/change process.	In Progress
CHL/460	18/06/2026	NR/L3/ELP/21067 - Instructions for Issuing, and Cancelling Safety Documents and Interface Certificates on High Voltage Distribution Systems [Issue 9]	Electrical	One-phase-at-a-time testing restriction is unsuitable for modern equipment.	Update clause for sanction-for-test scenarios.	In Progress
CHL/461	18/06/2026	NR/L3/ELP/21067 - Instructions for Issuing, and Cancelling Safety Documents and Interface Certificates on High Voltage Distribution Systems [Issue 9]	Electrical	HVEIC transfer process may be unnecessary.	Align process with Module 4 arrangements.	In Progress
CHL/462	19/06/2026	NR/L2/OTK/5201 - Vegetation Management Manual [Issue 7]	Off Track	Standard omits Network Rail statutory exemptions for TPO trees.	Include exemption guidance.	Accepted
CHL/463	22/06/2026	NR/L2/TRK/2500 - Engineering Assurance Arrangements for the Design and Construction of Track [Issue 4]	Track	Standard owner approval requirements conflict with devolved governance.	Replace with Regional Engineer approval.	In Progress
CHL/464	24/06/2026	NR/L2/OTK/5100 - Boundary Measure Management Manual [Issue 5]	Off Track	Fencing design requirements discourage innovation.	Change clause to amber and allow regional variations.	Not Proceed
CHL/465	25/06/2026	NR/L2/CIV/177 - Monitoring Track Over or Adjacent to Construction Works [Issue 3]	Buildings & Civils	Project CRT standard is not referenced.	Add reference to NR/L3/TRK/7012.	Accepted
CHL/466	25/06/2026	NR/L2/CIV/177 - Monitoring Track Over or Adjacent to Construction Works [Issue 3]	Buildings & Civils	Track handback competence requirements absent.	Reference relevant handback standards.	Accepted
CHL/467	25/06/2026	NR/L2/CIV/177 - Monitoring Track Over or Adjacent to Construction Works [Issue 3]	Buildings & Civils	CRE responsibilities are unclear between disciplines.	Define ownership or allocate through CEM.	Accepted
CHL/468	25/06/2026	NR/L2/TRK/3011 - Continuous Welded Rail (CWR) Track (formerly RT/CE/S/011) (Formerly NR/SP/TRK/0011) [Issue 7]	Track	Stress-transition requirements around adjustment switches are unclear.	Publish clear guidance and definitions.	Accepted
CHL/469	26/06/2026	NR/L2/TRK/1110 - Qualification and certification of Non-destructive Testing personnel [Issue 3]	Track	TEF3046 updates are administrative burden.	Allow Sentinel usage records as evidence.	In Progress
CHL/470	29/06/2026	RT/E/S/10138 - Train Protection and Warning System (TPWS) Transmitter Loop Requirements And Positioning (NR/SP/SIG/10138) [Issue 3]	Signalling	Buffer Stop Mini-Loop speed limit is incorrect.	Change from 50mph to 40mph.	Accepted
CHL/471	30/06/2026	NR/L3/TEL/0022 - Preventative Maintenance of Operational Telecoms Assets (formerly NR/L3/MTC/TE022) [Issue 3]	Telecommunications	Telecoms standard appears obsolete.	Withdraw or merge into other standards.	In Progress
CHL/472	30/06/2026	NR/L2/OTK/5100 - Boundary Measure Management Manual [Issue 5]	Off Track	Livestock-related enhanced boundary inspections are impractical.	Trigger additional inspections based on incursions/risk rather than all grazing land.	In Progress

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
CHL/473	03/07/2026	NR/L2/CIV/177 - Monitoring Track Over or Adjacent to Construction Works [Issue 3]	Buildings & Civils	Post-completion monitoring periods	NR/L2/CIV/177 does not clarify whether post-completion monitoring periods are calendar days or traffic-operating days, risking insufficient observation under train loading; clarify the basis or adjust periods for extended possessions.	Accepted
CHL/474	06/07/2026	NR/GN/SIG/CAT005 - Index of Network Rail Documents Relating to Signalling and Communications Equipment [Issue 61]	Signalling	IBCL pump unit wiring and labelling	IBCL 12+4 pump unit wiring, core identification and KL link labelling do not align with T-Series and Plug and Play drawings, creating testing ambiguity; align terminations and labelling with NR/L3/SIG/11303/1M05 and update the drawings.	More Information Required
CHL/475	07/07/2026	NR/L2/OPS/031 - Assessing and assuring the impact of operational risks relating to changes to the train plan (formerly NR/L2/OCS/031) [Issue 10]	Operations Principles and Standards	Boarding ramp compatibility risk	Table 3 Section F does not adequately address the risk of incorrect or incompatible boarding ramps being supplied; update it to make this risk explicit.	Accepted
CHL/476	09/07/2026	NR/L2/SIG/50035 - Competence Standard - Competence and Training in Signal and Level Crossing Engineering [Issue 9]	Signalling	Responsible Signal Engineer competence	There is no formal Oracle competence for Responsible Signal Engineers undertaking Functional Equivalent Design duties; create a defined competence for RSE-qualified staff rather than relying on Route Engineer correspondence.	Accepted
CHL/477	09/07/2026	NR/L3/TRK/2049 - Track Design Handbook [Issue 14]	Track	Direct reverse curve calculation	The diagram incorrectly uses 6.1 m as the threshold for treating an intermediate straight as two virtual transitions; amend it to 12.2 m in line with NR/L3/TRK/2049/Module 02.	In Progress
CHL/478	09/07/2026	NR/L2/CTM/021 - Competence and Training in Track Worker Safety [Issue 5]	Workforce Safety	PTS recertification for immersive workers	Extend PTS recertification intervals up to five years for staff who demonstrate regular competence use through Sentinel, supported by annual line-manager reviews at 24, 36 and 48 months.	Not Proceed
CHL/479	09/07/2026	NR/L2/CTM/021 - Competence and Training in Track Worker Safety [Issue 5]	Workforce Safety	COSS training prerequisite	Add Level 1 Track Handback as a prerequisite for COSS training to strengthen understanding and assurance of safe worksite handback.	Not Proceed
CHL/480	14/07/2026	NR/L2/ELP/21085 - Earthing and Bonding on A.C. Electrified Railways [Issue 7]	Electrical	OCLS earthing and bonding requirements	Sections 10.7 and 10.9, Figure 9 and Table 3 appear inconsistent on earthing-device, OCLS and signal-structure bonding and duplication requirements; clarify and align the wording, diagrams and table.	Accepted
CHL/481	14/07/2026	NR/L2/CIV/902 - Electric Vehicle charging points and associated infrastructure [Issue 1]	Buildings & Architecture	Electric vehicle charging requirements	Several EV charging clauses are ambiguous or outdated regarding spare capacity, supply selection, charging rates, conformity marking, open-PEN protection and bay layout; revise them to reflect current technology, regulatory terminology and risk-based design practice.	Not Proceed
CHL/482	15/07/2026	NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]	Track	Sleeper requirements adjacent to welds	Updated NR/L2/TRK/032 requirements appear to conflict with NR/L2/TRK/2102 on acceptable sleeper types beside welds; confirm and align the two standards.	In Progress
CHL/483	20/07/2026	NR/L2/MTC/PL0178 - Infrastructure Rostering [Issue 1]	Maintenance	Fatigue and Risk Index triggers	Chart 1 relies on an outdated instruction and incorrectly categorises certain FRI and risk-score exceedances as both Level 1 and Level 2; remove the chart and the conflicting Level 2 commentary.	In Progress
CHL/484	20/07/2026	NR/GN/CIV/100 - Strategic Design Manual [Issue 8]	Buildings & Architecture	Station design guidance appendices	The two station-design appendices contain extensive inaccuracies, inconsistent NTSN mappings and conflicting recommendations; either remove them or correct, restructure and consolidate them into one fit-for-purpose version.	In Progress
CHL/485	23/07/2026	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 23]	Signalling	Duplicate clause numbering in Section 7.1	Clause references 7.1.5 and 7.1.6 are used more than once; renumber Section 7.1 so every requirement has a unique clause identifier.	Accepted
CHL/486	23/07/2026	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 23]	Signalling	Invalid references to clause 0	Clauses 13.1.10, 13.1.11(b) and 13.1.14 refer to a non-existent clause 0; replace each with the correct clause reference.	Accepted
CHL/487	27/07/2026	NR/L2/OTK/5100 - Boundary Measure Management Manual [Issue 5]	Off Track	Fencing specification flexibility	The red requirement in NR/L2/OTK/5100/03 Clause 6 makes guidance drawings effectively mandatory and restricts regional innovation; change it to amber to permit controlled enhancements, adjustments and trials.	Accepted
CHL/488	28/07/2026	NR/L2/ELP/27716 - Electrical and mechanical clearances on overhead electrified railways [Issue 1]	Electrical	Pantograph gauging tool validation	Introduce standard validation cases with defined inputs and expected pantograph-gauge outputs so design-house gauging tools can be consistently verified across the industry.	In Progress
CHL/489	30/07/2026	NR/L2/SIG/14201 - Signalling Risk Assessment Handbook [Issue 6]	Signalling	Proportionate SORAT for S&C renewals	Permit S&C renewals and comparable minor enhancements to use existing in-date SORAT records as the quantitative baseline, supported by a structured qualitative assessment showing that key layout risks are unchanged or improved.	In Progress
CHL/490	31/07/2026	NR/L3/MTC/ME0300 - Mobile Maintenance Train Operational Procedures [Issue 4]	Maintenance	MMT protection-zone strap distances	The fixed 100 m strap distance can prevent fit-for-purpose protection zones; amend the requirement to specify straps at least 100 m from each end of the MMT.	In Progress
CHL/491	04/08/2026	NR/L3/CTM/306 - Skills Assessment Scheme [Issue 4]	Competence & Training	Reinstatement of expired competences	Full initial retraining after a competence has expired for more than three months is disproportionate; introduce an authorised, auditable risk-based reinstatement process using knowledge checks, reassessment and targeted refresher activity for regimes 2 to 5.	In Progress
CHL/492	11/08/2026	NR/L2/OHS/1030 - Working safely in the vicinity of buried services (formerly NR/L2/INI/CP1030) [Issue 2]	Workforce Safety	Authority to Spike exemptions	Section 9.1 is ambiguous about whether CPTs and driven trench or sheet piles require an Authority to Spike; clarify that these and similar activities are exempt under Note 3.	Not Proceed
CHL/493	11/08/2026	NR/L2/OTK/5201 - Vegetation Management Manual [Issue 7]	Off Track	Vegetation risks below railway level	The standard focuses on vegetation at or above railway level and omits risks below it, including obscured highway sightlines and blocked watercourses or culverts; expand the standard to cover these hazards.	In Progress
CHL/494	12/08/2026	NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]	Track	Troughing clearance and ballast shoulders	Clause 6.6.6 can allow continuous troughing close to sleeper ends, compromising the ballast shoulder and increasing track-buckle risk; separate structural clearance requirements and restrict troughing or catch pits to isolated locations that preserve the ballast profile.	In Progress
CHL/495	13/08/2026	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 23]	Signalling	SPAD prediction strike-in integrity level	Classifying the overrun-prediction strike-in function as safety-critical is considered disproportionate to the end-to-end system capability; amend the requirement so overrun prediction is safety-related and achieves at least SIL1.	Accepted
CHL/496	19/08/2026	NR/L3/ELP/27250 - Conductor Rail Equipment - Design and Maintenance Working Instructions [Issue 10]	Electrical	Sheet 602 - 'm' cables	Consider using 'm' symbol as 1x1000 mm2 cable - this would allow for instances where 1x1000mm2 cable be used with the letter 'm', and 2x1000mm2 cables to be used with 2m.	Accepted
CHL/497	25/08/2026	NR/L2/TEL/30105 - Compliance with Fixed Telecoms Network Design Criteria (formerly NR/SP/TEL/30105) [Issue 2]	Telecommunications	When the parameters within the FTN/GSM-R/ENG/SP/034 sizing table are modelled against BS 7671 (using Amtech ProDesign, with inputs taken …	That FTN/GSM-R/ENG/SP/034 is reviewed and updated to reflect current BS 7671 requirements, and that the wider gaps identified around selectivity and TT supply treatment are considered as part of that review.	In Progress
CHL/498	28/08/2026	NR/L2/TEL/30105 - Compliance with Fixed Telecoms Network Design Criteria (formerly NR/SP/TEL/30105) [Issue 2]	Telecommunications	When the parameters within the FTN/GSM-R/ENG/SP/034 sizing table are modelled against BS 7671 (using Amtech ProDesign, with inputs taken …	That FTN/GSM-R/ENG/SP/034 is reviewed and updated to reflect current BS 7671 requirements, and that the wider gaps identified around selectivity and TT supply treatment are considered as part of that review.	In Progress
CHL/499	01/09/2026	NR/L2/CTM/021 - Competence and Training in Track Worker Safety [Issue 5]	Workforce Safety	General	To introduce flexible, alternative competence assurance mechanisms within the standard where live shift volume cannot be achieved. This would permit sponsors to maintain an individual's valid Sentinel status through approved interim measures—such as formal workplace mentoring, simulated scenario-based exercises, practical tabletop/drill assessments, or accelerated interim competence reviews by an approved assessor—in lieu of purely relying on a fixed count of live work shifts.	Accepted
CHL/500	01/09/2026	NR/L3/SIG/10661 - Signal Maintenance Task Intervals [Issue 30]	Signalling	Statutory Frequencies	To have a max frequency for out of use service checks inserted in line with its current maintenance frequency, or, allowance of a risk based approach by section manager or engineer to determine the frequency of the maintenance of the out of use asset.	In Progress
CHL/501	02/09/2026	NR/L2/TRK/6100 - The Installation and Maintenance of Stretcher Bars [Issue 6]	Track	No defects or guidance for what actions need to be taken if TSB units are subjected to fire.	The standard advises that the MU's need to be removed from the rail if switch welding is taking place, as the heat can damage the Helicoils. But we need to have actions for what to do if the MU or bar are subjected to a fire/heat. E.G check bolts are tight, check again after X days, whatever the technical requirements would require.	Accepted
CHL/502	02/09/2026	NR/L2/SIG/19820 - Signalling and Level Crossing Product Specifications [Issue 13]	Signalling	Reference document error: " Error! Reference source not found."	References to be added	Accepted
CHL/503	03/09/2026	NR/L3/SIG/10663 - Signal Maintenance Specifications [Issue 21]	Signalling	NR/L3/SIG/10663 NR/SMS/Part C/ TC17 C service complete	Re-write SMS to permit use of other data logging systems to complete remote maintenance	In Progress

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CHL/504	03/09/2026	NR/L2/OHS/501 - Trackworker Protection and Warning Systems [Issue 9]	Workforce Safety	6.6	The next issue of NR/L2/SIG/30014 is expected to include publication of a signal works test specification specifically for SATWS (TS15-12) and once in place I believe compliance with it should be a mandatory requirement for all sites, regardless of complexity.	Accepted
CHL/505	04/09/2026	NR/L2/TRK/001 - Inspection and Maintenance of Permanent Way [Issue 29]	Track	11	Remove the requirement for staff undertaking SVI to hold 053 inspection referred to in the requirement (Tr07.01)	Accepted
CHL/506	04/09/2026		Electrical	6.1.1.1	Derogation sought to remove the fence's insulating timber shroud without additional electrical protection, followed by assessment of the fence's proximity to the OCLZ. Whole-fence bonding, isolation or electrical protection is not feasible. The risk assessment's event tree identifies an extremely low likelihood of electrocution from falling OLE contacting the fence while someone is touching it, conservatively assuming the entire fence lies within the OCLZ. NTL will manage maintenance access through briefings and signage. GRP shrouds will eliminate touch potential between the listed fence and OLE structures.	Not Proceed
CHL/507	08/09/2026	NR/L2/RSE/100 - Network Rail Assurance Panel Processes [Issue 10]	Systems Engineering	Summary of issues and observations raised by the Assessment body and Project response	"AB allowing work to proceed to the next stage?" should be "Proposer choosing to proceed to next stage?"	In Progress
CHL/508	11/09/2026	NR/L2/SIG/10173 - Train Protection and Warning System (TPWS) Track Sub System Installation Requirements (Formerly RT/E/S/10173) [Issue 4]	Signalling	Update the standard to align with TI022 and GE/RT8075 and permit the use of mini loops at locations other than buffer stops.	Remove all references to Buffer stop mini loops and simply refer to them as mini loops. Also remove this text: '...and shall only be used for this application, due to its speed performance limitations.'	Accepted
CHL/509	14/09/2026	NR/L2/MTC/PL0175 - Infrastructure Maintenance Planning Handbook [Issue 11]	Maintenance	3.2.4 Work Bank and Compliance	Remove reference to Fault Management System (FMS) and update to the latest system in use (My Infrastructure Manager).	In Progress
CHL/510	14/09/2026	NR/L2/OHS/019 - Safety of People at Work on or near the line [Issue 13]	Workforce Safety	2 Scope	To restore clarity and alignment with recognised principles, the proposal is to: Reinstate an explicit clause confirming that electrical risk is not covered by 019, and that electrical hazards must be managed under the appropriate ELP standards. Remove or amend Issue 13 scope item (e) so that segregated HV compounds are not classified as "electrified areas" requiring SSOW controls. Correct the definition of "electrified area" so it applies only to operational railway environments where train movement and traction equipment present risk to non-electrically-competent staff. Reaffirm that segregated work does not require SWPs, in line with long-standing SSOW principles.	Accepted
CHL/511	14/09/2026	NR/L2/OHS/CP0036 - The provision of welfare facilities for temporary and transient work activities (formerly NR/L3/INI/CP0036) [Issue 5]	Workforce Safety	4 Definitions, Table 1 – Staff and Shifts Calculator	Clarify within CP0036 that fixed HV locations such as substations, feeder stations, switching stations and segregated HV compounds must not be automatically treated as transient sites, because the nature, duration, and staffing levels do not align with transient-site assumptions. Reinforce that Categories A and B apply only to short-duration, mobile work where staff can reasonably travel to local facilities or use temporary welfare vehicles. Add explicit wording stating that welfare vans must be dedicated welfare vehicles, not dual-use work vans. State clearly that maintenance staff must not be expected to drive, manage, or maintain welfare vehicles. Provide examples to prevent future misinterpretation.	In Progress
CHL/512	15/09/2026	NR/L3/TRK/1300 - Re-profiling and Grinding of Running Rails, including Switches and Crossings [Issue 1]	Track	Clause 4.15 (Table 4)	Provide a definition / clarity on what is a 'trip switch.'	In Progress
CHL/513	15/09/2026	NR/L3/CTM/306 - Skills Assessment Scheme [Issue 4]	Competence & Training	Clause 3	1) Provide requirements and templated appointment form as a controlled document along with an annual review sign off box to ensure that the requirements of clause 3.2 are being complied with. 2) Relax / remove requirement in clause 3.2 regarding the number of assessments.	In Progress
CHL/514	15/09/2026	NR/L3/ELP/27237 - Overhead Line Work Instructions [Issue 27]	Electrical	Module F05, Section 6 in 27237 and Section 6.4.7 in 27550	Clarification of the minimum length of parallelism for adjacent HV power lines	In Progress
CHL/515	16/09/2026	NR/L2/CIV/193 - Specification for New and Renewed Lifts [Issue 3]	Rail Mounted Vehicle & Plant	Add new section for perch seats	New Rail Industry Standard RIS-7709-INS clause G 5.4.1.20 Where space and circulation requirements permit, it is good practice to consider the provision of perch seating adjacent to lift waiting areas to support passengers who may experience difficulty standing for extended periods. A new section should be added to this standard to cascade this requirement. The NR standard detail drawings should also be updated to add details for the perch seating	In Progress
CHL/516	16/09/2026	NR/L2/CIV/193 - Specification for New and Renewed Lifts [Issue 3]	Rail Mounted Vehicle & Plant	3.2. Power Supplies	Update the standard to permit use of single phase power supplies with suitable inverters and or battery storage banks to run the lifts from a single phase power supply. or update the standard to provide a specification for 3 phase battery storage systems to run the lift motors charged from PV panels on the bridge stairs and span plus the existing station power supply.	In Progress
CHL/517	16/09/2026	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 23]	Signalling	New Barnetby MCB-OC level crossing has more than two tracks (three tracks at this site).	New Barnetby MCB-OC level crossing has more than two tracks (three tracks at this site).	Not Proceed
CHL/518	17/09/2026	NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]	Track	General	I propose that the standards are updated so that the limits used for the different categories are aligned. There are a number of ways to achieve this but my preference would be to: 1) Introduce the 'maximum (for modern CWR)' and 'maximum (for legacy CWR) into GC/RT5021; and 2) Increase the limits for 'normal' values for rate of change of cant (RoCC) and rates of change of cant deficiency (RoCD) in NR/L2/TRK/2102 from 35mm/s to 55mm/s to align with the 'normal' limits in GC/RT5021, thus removing the 'maximum' category for RoCC and RoCD.	In Progress
CHL/519	17/09/2026	NR/L2/RMVP/0200 - Infrastructure Plant Manual (formerly known as NR/PLANT/0200) [Issue 17]	Rail Mounted Vehicle & Plant	3.1 The definition of a Trolley	Amend NR/L2/RMVP/0200/P514 and the associated definitions within NR/L2/RMVP/0200 to distinguish a Rail Skate from a hand-controlled trolley. The standard should recognise Rail Skates as a separate category of equipment based on their design, operation and intended use. Requirements applied to hand-controlled trolleys should only apply where they are proportionate to the risks associated with Rail Skates.	In Progress
CHL/520	18/09/2026	NR/L2/TEL/30160 - Specification for loose-tube optical fibre network design [Issue 4]	Telecommunications	Section 8.3 Spur Joints	The newly proposed Heyrod infill site 3513 requires connectivity to Scout Tunnel 6184 BTS. The shortest connection is to splice from F-SPUR-3513-A to F-SPUR-6184-B within Joint F-LCSC-MPYA-A-11.	In Progress
CHL/521	18/09/2026	NR/L2/SIG/19812 - Cross Track Cable Management [Issue 2]	Signalling	This provides an MVP solution as per project request	It is being proposed to route the F-SPUR-4075-B spur fibre cable across the track in a hollow bearer to provide a second diverse cable route.	Not Proceed
CHL/522	23/09/2026	NR/L2/TRK/001 - Inspection and Maintenance of Permanent Way [Issue 29]	Track	General	Potential updates cover rail defects, joints, switches and associated response actions across: Module 4: Rail-end damage; broken fishplates; incorrect lift plates with steps >2 mm; missing fishplate/fly-fished bolts; clamped temporary joints with 10–50 mm gaps; clause 11.2's amber item (a); and temporary joints using rails shorter than 4.5 m. Module 5: Tight gauge in moving switch parts and failed elevated housings. Module 6: Mitigations for P1* and P1 suspect defects identified by UTU testing. Module 8: Actions for rail breaks in various scenarios. Module 9: Actions for sidewear and loss of rail-foot width. Module 16: Actions for substandard adjustment-switch tip support. Module 19: Tables reproduced from other modules and Appendix B tables B.5, B.8 and B.10. NR/L3/TRK/001/ADD: Purpose section and initial actions for broken crossings with gaps ≤50 mm, and TMZ breaks plated and secured to maintain alignment.	Not Proceed

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CHL/523	23/09/2026	NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]	Track	10.14	Could the same rationale as used for TR140028 be applied to track faults and rail defects in various modules of NR/L2/TRK/001, where the mitigation control is to impose a 20mph ESR/TSR where the PSR is below 30mph? Could any actions to implement a 20mph ESR / TSR be changed to implement a 25mph ESR / TSR?	In Progress
CHL/524	23/09/2026	NR/GN/TRK/7001 - Index of Track Work Information Sheets (TWI) [Issue 22]	Track	General	Proposal is to re-title this TWI and amend the introduction.	In Progress
CHL/525	24/09/2026	NR/L2/SIG/50035 - Competence Standard - Competence and Training in Signal and Level Crossing Engineering [Issue 9]	Signalling	10.3	Clarity in standards, NR/L2/SIG/50035/07 to reflect NR/SMTH/Part1/Module/04 as this is the most up to date standard.	Accepted
CHL/526	28/09/2026	NR/L2/OHS/501 - Trackworker Protection and Warning Systems [Issue 9]	Workforce Safety	Currently the 501 standard is written in such a way that it is open to interpretation with the main focus being the installations of perm…	We are proposing that 2 new separate modules be created for the purpose of design, operation & installation of portable ATWS/SATWS worksites. This would give clearer guidance on the use of portable track warning system for cyclical works and temporary projects.	Accepted
CHL/527	29/09/2026	NR/L2/RSE/CP0075 - Entry into Operational Service (formerly NR/L2/INI/CP0075) [Issue 3]	Systems Engineering	7	Can the EIS template checklist be updated to include prompts that the following have been checked and updated as necessary as these are relevent when Track ID's and/or Track names change? - Structure datum plates as these display Track ID - Track ID / Track name markers like those on the attached are now frequently being installed in various places. There is a risk that information provided on site becomes incorrect through changes delivered by projects if this is not checked and updated as necessary . The checklist already has similar prompts for information boards at access points.	Accepted
CHL/528	29/09/2025	NR/L2/RSE/CP0075 - Entry into Operational Service (formerly NR/L2/INI/CP0075) [Issue 3]	Systems Engineering	7	Checklist be reviewed and updated to align with current standards	Accepted
CHL/529	06/10/2026	NR/L3/TRK/7012 - Critical Rail Temperature Management for Projects [Issue 1]	Track	General	Challenge is to update NR/L3/TRK/7012 (Critical rail temperature management for projects) in line with TR139251 and TR140028 to allow the same relaxations to be applied by projects for which the scope of NR/L3/TRK/7012 applies.	In Progress
CHL/530	06/10/2026	NR/L3/SIG/11231 - Signalling Maintenance Testing Handbook [Issue 24]	Signalling	Relaxation of the requirement to limit the number of teams on shift to three teams of three.	Where additional teams are deployed on site to facilitate testing in a timely manner, then SMTH should still be permitted. One example of this is cable replacement. The changeover is generally done by 2 teams, one at each end of the cable, but due to the need to test all functions in the cable, additional teams are sometimes deployed to allow more efficient testing (as a significant portion of time can be lost walking between lineside equipment. The testing in this case is generally under the control of a team remote from the cable itself.	Accepted
CHL/531	06/10/2026	NR/L2/TRK/001 - Inspection and Maintenance of Permanent Way [Issue 30]	Track	6.2 Immediate Action Limit (IAL) geometry faults - 6.2.1 Notification	Amend NR/L2/TRK/001/mod11, section 6.2.1, to require equivalent urgent notification for IAL geometry faults requiring either blocking the line or an immediate ESR. Notify the controlling signaller directly within a defined short timescale after validation, using the existing five-minute requirement for Block the Line defects as a potential benchmark. If direct contact cannot reasonably be achieved, contact the ICC immediately to arrange communication with the controlling signal box. Define a closed-loop, safety-critical communication process; email may provide supporting details but must not be the sole initial notification where immediate restrictions to train movements are required.	In Progress
CHL/532	13/10/2026	NR/L2/SIG/30014 - Signalling Works Testing Handbook [Issue 25]	Signalling	Clauses 3.11, 3.13, 3.14 and 5.3	Correct outdated links and reference materials.	In Progress
CHL/533	16/10/2026	NR/L2/OTK/5201 - Vegetation Management Manual [Issue 7]	Signalling	Professional tree inspection qualification	Add the PTI Level 3 qualification to the qualifications listed in clause 7.1.	Accepted as Variation
CHL/534	16/10/2026	NR/L3/CIV/040 - Work Instruction for the Use of Protective Coating Systems [Issue 4]	Buildings & Civils	Protective coating standard update	Update coating classifications, carbon values, galvanising guidance, metal-spray use and treatment of life-expired coating systems.	Accepted to Revise Standard
CHL/535	16/10/2026	NR/L2/OHS/0044 - Planning and managing construction work (formerly NR/L3/INI/CP0044) [Issue 5]	Workforce Safety	General update	General update requested in the source submission.	Not Proceed
CHL/536	16/10/2026	NR/L2/RSE/02009 - Engineering Management for Projects [Issue 8]	Systems Engineering	Quality management requirements	Add requirements for engineering quality management, including named responsibility for off-site manufacture and testing.	In Progress
CHL/537	19/10/2026	NR/L3/TRK/003 - Index of Track Engineering Forms [Issue 56]	Track	Editable PDF forms	Provide editable PDF versions of forms for controlled completion on site using tablet computers.	In Progress
CHL/538	20/10/2026	NR/L3/SIG/11231 - Signalling Maintenance Testing Handbook [Issue 24]	Signalling	Missing test plan	Add a test plan for removing and refitting plug-coupler cables during engineering work.	In Progress
CHL/539	21/10/2026	NR/L3/TRK/2049 - Track Design Handbook [Issue 14]	Track	Sheet A7.6 clause 4	Remove the variation requirement or delete the duplicated clause because the requirement is already in NR/L2/TRK/2102.	In Progress
CHL/540	26/10/2026	NR/L2/OHS/020 - Track Visitor Permits (formerly RT/LS/S/020) [Issue 6]	Workforce Safety	Track Visitor Permit eligibility	Prevent TVPs being issued to workers with current PTS competence or who are within the PTS grace period.	In Progress
CHL/541	26/10/2026	NR/L3/SCO/311 - Supply Chain Operations, T&RS and OTM Engineering and Management Manual [Issue 5]	Supply Chain Operations (SCO)	ETCS requirements	Update the manual for ETCS software approvals, configuration control, cybersecurity, route compatibility, cryptographic-key handling, fault reporting and asset records.	In Progress
CHL/542	27/10/2026	NR/L2/TRK/2102 - Design and Construction of Track [Issue 13]	Track	Reuse of existing track forms	Allow assessed reuse of existing track forms that do not conform to Table 21 but remain fit for continued use after intrusive work.	In Progress
CHL/543	28/10/2026	NR/L2/RSE/02009 - Engineering Management for Projects [Issue 8]	Systems Engineering	Clause 2.2	Update the standard to address the issue identified in the challenge submission.	Not Proceed
CHL/544	29/10/2026	NR/L2/SIG/19812 - Cross Track Cable Management [Issue 2]	Signalling	Hollow-sleeper cable capacity	Permit a documented product- and site-specific engineering assessment to establish safe, maintainable cable capacity instead of a universal fixed count.	In Progress
CHL/545	29/10/2026	NR/L2/SIG/10028 - Supervisory Inspection of Signalling Assets [Issue 7]	Signalling	Actions when inspection plans are missed	Add requirements for action when the supervisory inspection plan is not being achieved.	In Progress
CHL/546	30/10/2026	NR/L3/TRK/003 - Index of Track Engineering Forms [Issue 56]	Track	Iron Man lifting-plan template	Add a site-specific lifting-plan template that captures manufacturer requirements, load weight, line gradient and other key checks.	In Progress
CHL/547	30/10/2026	NR/L2/SIG/30009 - Signalling Principles Handbook [Issue 31]	Signalling	Incorrect cross-reference	Correct Note 1, which refers to non-existent section 9.6.1.	In Progress
CHL/548	30/10/2026	NR/L2/SIG/11201 - Signalling Design Handbook [Issue 23]	Signalling	Four-foot Point Operating Equipment	Clarify that the POE symbol position for four-foot equipment does not indicate the pump-unit position.	In Progress
CHL/549	30/10/2026	NR/L2/ASR/036 - Assurance Framework [Issue 8]	Corporate Investigation and Assurance	Audit report ratings	Remove the requirement for North West & Central audit reports to include an Appendix B rating.	In Progress