

Status of Standards Challenge Applications (31 July 2020)

ID	Applicant	Date Received	Subject	Primary Standards Steering Group	Standard Challenged	Simplified Summary of Challenge	Project Related / Timescale Dependent	Nature of Challenge	Current Process Stage	Current Status
STDCHAL-000001	TSP Projects	07-Dec-2017	Modular Steel Platforms	Buildings & Civils	NR/L3/CIV/040. NR/L3/CIV/030 NR/L3/CIV003 - F1990	Clarification concerning the current prescribed design life of platforms and minimum steel galvanising levels.	N	Clarification	Standard Updated	Standard NR/L3/CIV/040 has been updated to reflect findings of this challenge - published in June 2019. Standard NR/L3/CIV/003 F1990 has been updated to reflect findings of this challenge - published in December 2019. A derogation (TR4438) has been approved against NR/L3/CIV/030 aligning the design life requirements pending wider longer-term standard update. This challenge has been closed and the applicant informed.
STDCHAL-000002	British Steel	13-Nov-2017	OLE Mast Design	Electrical Power	O.E.E 156	Potential for simplification of fabricated overhead line masts.	N	Requirements	Accepted by Standard Owner	An industry workshop was held in December 2018 with the applicant and other suppliers to discuss potential changes to standard designs resulting in the identification of short, medium and long-term proposals. The short-term proposals have been progressed into new standard designs. The other proposals identified are also planned to be progressed as part of a wider project to agree the current UKMS structure and standardise designs to best practice, including input from other European countries.
STDCHAL-000003	Network Rail	10-Apr-2018	Planning & Managing Construction Work	Quality, Safety, Health & Environment	NR/L2/OHS/044	Potential for contractor's Construction Phase Plans to be referenced to the Network Rail template sections.	N	Clarification	Not to be progressed.	Contractors are at liberty to use their own format rather than the template and the mandatory information that is required is reasonable and has been developed by the working group based on review of the previous edition of CP004 and the previous templated TBS that had been in use. This does not conflict with the requirements of the Management Regulations, where there is a duty to do suitable and sufficient risk assessment, put protective and preventative measures in place for the significant risks and provide information to employees that is comprehensible and relevant. The update of any standard included a legal review as part of stakeholder consultation. The applicant has been advised that the challenge will not be progressed. Further dialogue is planned.
STDCHAL-000004	SNC-Lavalin	17-Apr-2018	Track Design Handbook Module 07 Gauging	Track	NR/L3/TRK/2049/MOD07	Several sections of the Track Design Handbook reference requirements for other disciplines. Potential for simplification.	N	Clarification	Not to be progressed.	The Track Standards & Controls Group Steering Group has undertaken a detailed evaluation of these challenge applications and has decided that the challenge will not be progressed as it is considered that it is appropriate to include information on gauging, OLE wire heights and clearances, conductor rail positioning, platforms and level crossing surface systems within NR/L3/TRK/2049 because track design needs to consider all associated system interfaces and risks as these might impact on overall system design. The applicant has been advised.
STDCHAL-000005	SNC-Lavalin	17-Apr-2018	Track Design Handbook System Interfaces - Electrical Clearances	Track	NR/L3/TRK/2049/MOD05		N	Clarification	Not to be progressed.	
STDCHAL-000006	SNC-Lavalin	12-Apr-2018	Track Design Handbook System Interfaces - Conductor Rail	Track	NR/L3/TRK/2049/MOD05		N	Clarification	Not to be progressed.	
STDCHAL-000007	SNC-Lavalin	12-Apr-2018	Track Design Handbook System Interfaces - Platforms	Track	NR/L3/TRK/2049/MOD05		N	Clarification	Not to be progressed.	
STDCHAL-000008	SNC-Lavalin	12-Apr-2018	Track Design Handbook System Interfaces - Level Crossings	Track	NR/L3/TRK/2049/MOD05		N	Clarification	Not to be progressed.	
STDCHAL-000009	Kwik-Step	13-Apr-2018	Lineside Access Steps	Buildings & Civils	NR/SP/OHS/069 Non-Compliance – Tracker No 3115 NR/CIV/SD/370	Design requirements for lineside access steps.	N	Clarification	Accepted by Standard Owner	Detailed evaluation undertaken and changes to standard are to be made. A remit has been drafted to form the Working Group to update this standard.
STDCHAL-000010	Network Rail	13-Apr-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.	N	Out of Date	Standard Withdrawn	Document withdrawn from standards suite as a result of this challenge application.
STDCHAL-000011	Network Rail	17-Apr-2018	Requirements Framework	Projects	NR/L3/INI/P3M/126/01	Clarification concerning who is accountable for the RRD.	N	Clarification	Accepted by Standard Owner	The Projects Standards & Controls Steering Group has agreed to amend this standard in response to this challenge when it is next updated, as this is a minor text amendment.
STDCHAL-000012	Kwik-Step	16-Apr-2018	Electrical Clearances	Electrical Power	GE/RT8000/HB16 NR/SP/OHS/069 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.	N	Clarification	Detailed Evaluation in progress	Response provided to the applicant explaining the different requirements, and recommended raising a RSSB request for help. Follow-up meeting held on 25 April 2019 with Professional Head and RSSB. Professional Head met with applicant to further discuss in June 2020 with a further meeting scheduled in July 2020.
STDCHAL-000013	Kwik-Step	13-Apr-2018	Positions of Safety	Quality, Safety, Health & Environment	NR/SP/OHS/069	Providing improved clarity in relation to positions of safety.	N	Clarification	Accepted by Standard Owner	Detailed evaluation undertaken and changes to standard are to be made. A remit has been drafted to form the Working Group to update this standard.
STDCHAL-000015	Network Rail	08-Jun-2018	Train borne monitoring of traction power contact systems.	Electrical Power	NR/L2/ELP/27325	Clarification in relation to a number of requirements in relation to train borne monitoring of traction power contact systems.	Y	Requirements	Emergency Change Issued	An Emergency Change to the standard (NR/BS/LI/425) was published on 10 May 2019 changing the requirement for recording force data on lines authorised under the Energy TSI to align with the legislation.
STDCHAL-000016	Grand Central	19-Jun-2018	Wheel Impact Load Detection	Track	NR/L2/TRK/0133	Controls applied to trains following measurement of forces at Wheel Impact Load Detection (WILD) sites.	N	Requirements	Detailed Evaluation in progress	Meetings held with applicant in March 2018, June 2018 and January 2019. Update on latest position was presented to Rail Delivery Group in March 2019. A detailed technical study has been undertaken by Network Rail in response to this challenge from a train operator. Further meetings have been held with the applicant and other train operators on 25 Sep 2019, 5 Nov 2019, 25 Nov 2019, 13 Dec 2019 and 28 Jan 2020. An action plan agreed for further investigation and technical study.
STDCHAL-000017	Amey	22-Jun-2018	DNO test points	Quality, Safety, Health & Environment	NR/L3/ENV/305 NAT/TW/Infra/ENG/EP6248683	Providing test points for DNO supply cubicles.	N	Requirements	Accepted by Standard Owner	The document challenged is a technical workscope rather than a standard itself. Standard Owner is currently reviewing whether a new standard needs to be published to cover this subject.
STDCHAL-000018	Amey	26-Jun-2018	Points Heating Equipment	Electrical Power	NAT/REP/MP/ENG/EP3736860	Using lower power points heating strips nearer the switch toe.	N	Requirements	Not to be progressed.	The document challenged is a technical workscope rather than a standard itself. Standard Owner has confirmed that the current designs have been optimised to work with heat retainers to be more efficient. The applicant has been advised that the challenge will not be progressed.
STDCHAL-000019	J Murphy & Sons	04-Jul-2018	Line Speed following drainage works	Track	NR/L3/TRK/0030	Proposal for a more cost-effective regime for track stabilisation following installation of drainage.	Y	Requirements	Applicant advised to progress as variation application.	The Track Standards & Controls Group Steering Group has undertaken a detailed evaluation of the challenge application and has decided that the challenge will not be progressed as it is considered that the situation described in the challenge is uncommon and would therefore be more appropriately managed through local variation against the standard. The content of the challenge was considered during previous update of the standard and it was decided it was more appropriate to actively manage deviation from absolute track geometry. The applicant has been advised.
STDCHAL-000020	Amey	04-Jul-2018	Track Affected Zone	Track	Various	Proposal to change the influence angle for the track affected zone.	N	Clarification	Not to be progressed.	The Track Standards & Controls Group Steering Group has undertaken a detailed evaluation of the challenge application and has decided that the challenge will not be progressed as the critical rail temperature is concern with lateral resistance rather than vertical resistance. The applicant has been advised.
STDCHAL-000021	Atkins	05-Jul-2018	Buffer Locking	Track	NR/L3/TRK/2049	Update to calculations to include vehicles without buffers, autocooper limits and lateral movement of through-corridor trains.	N	Clarification	Accepted by Standard Owner	The Track Standards & Controls Steering Group has undertaken a detailed evaluation of the challenge application and has agreed that the challenge will be progressed through an amendment to the standard. A remit is being prepared to amend the standard and this will be submitted to the Steering Group for review and prioritisation within the steering group workbank.
STDCHAL-000022	Rail Asset Development	06-Jul-2018	Monitoring track during building works	Buildings & Civils	NR/L2/CIV/177	Improving clarity of requirements for monitoring of track in various situations.	N	Clarification	Standard Updated	Meeting held between Standard Owner and applicant in November 2018. A post implementation review of CIV/177 was undertaken and the challenge details were considered as part of the review. An updated version of the standard will be published in March 2020.
STDCHAL-000023	Amey Sersa	11-Jul-2018	Stretcher Bar settings	Track	NR/TRK/6100/Mod3	Improving clarity of installation and maintenance instructions for new stretcher bars at switches and crossings.	N	Clarification	Accepted by Standard Owner	The Track Standards & Controls Steering Group have accepted the challenge and the standard owner is in contact with the applicant.
STDCHAL-000024	Amey	13-Jul-2018	Earth electrode/mat connections	Signalling Electrical Power	NR/L2/SIGELP/27418	Clarification of requirements for connecting earth electrode/mats.	N	Clarification	Accepted by Standard Owner	The standard owner has advised that a variation pending standard change is being progressed.
STDCHAL-000025	Network Rail	26-Jul-2018	Bridge Strengthening	Buildings & Civils	NR/L3/CIV/020	Minimum train live loading values applied to bridge strengthening schemes.	Y	Requirements	Applicant advised to progress as variation application.	The Buildings & Civils Standards & Controls Steering Group has reviewed and the applicant has been advised that this should be progressed as a variation application.
STDCHAL-000026	Siemens Rail	07-Aug-2018	Non-application of Design for Reliability standard to signalling fibre interface	Network Rail Assurance Panel	NR/L2/RSE/0005	Potential for non-application of requirements for certain commercial off-the-shelf components	Y	Requirements	Standard Updated	This standard has been amended in response to an element of this challenge and the new version was published in March 2019. The applicant has been advised.
STDCHAL-000027	Network Rail	09-Aug-2018	Clarity around Authority to Work roles.	Projects	NR/L2/INI/02009/01	Clarification concerning authority of certain roles.	N	Clarification	Not to be progressed.	Challenge considered at Projects SC5G on 3 April 2019. The applicant has been advised that the challenge will not be progressed.
STDCHAL-000028	Network Rail	06-Sep-2018	Engineering Assurance Requirements	Electrical Power	NR/L2/ELP/27311	NR/L2/INI/CP0069 listed in the references but document has been withdrawn. Change PRS to RRD/DRRD.	N	Out of Date	Standard Updated	This standard has been updated.
STDCHAL-000029	Mott MacDonald	09-Oct-2018	Wind Loading on OLE structures	Buildings & Civils	NR/L2/CIV/072	Alignment of wind loading equations to BS EN 50119.	N	Clarification	Standard Updated	An updated version of the standard was published in September 2019 and address this challenge. The applicant has been informed.
STDCHAL-000030	Amey	09-Oct-2018	Points Heating Equipment	Electrical Power	NAT/REP/MP/ENG/EP3736860	Proposed changes to the arrangement drawings for electric points heating equipment.	N	Requirements	Accepted by Standard Owner	The document challenged is a technical workscope rather than a standard itself. The Standard Owner has confirmed that standard design drawing is currently in the process of being updated. The applicant has been informed.
STDCHAL-000031	Amey	31-Oct-2018	Points Heating Equipment	Electrical Power	NR/L2/ELP/40045 NR standard drawing NR/EP/SD/439	Transformer terminal arrangements for supplying point strip heaters.	N	Requirements	Accepted by Standard Owner	The standard owner has accepted the challenge on the grounds of safety, compliance, reliability and maintainability and will support in principle a future variation against this standard. An update to standard NR/L2/ELP/40045 is also being progressed.
STDCHAL-000032	TSP Projects	12-Nov-2018	Platform Crossfall	Buildings & Civils	RIS-7016-INS	Ability to construct platforms that achieve the specified crossfall gradient limits.	N	Requirements	Not to be progressed.	The Buildings & Civils Standards & Controls Steering Group currently reviewing in conjunction with RSSB. RSSB have met with the applicant to discuss further. A list of deviations to RISs has been provided to RSSB and further detail is also being sought in relation to these. RSSB confirmed that they will take this on and are in contact with the applicant.
STDCHAL-000033	Amey	21-Jan-2019	Document Revision Strategy	Projects	NR/L3/INI/P3M/131/02	Difference between the revision strategy specified in the standard and the way ProjectWise is configured.	N	Clarification	Accepted by Standard Owner	The challenge is accepted. It relates to an error in a table which is RAG classified green. As it relates to guidance rather than to a requirement, this has been logged in the Projects Standards & Controls Group standards programme for correction the next time NR/L3/INI/P3M/131/02 is updated. The error is highlighted to Network Rail staff in the briefing material for this standard. In addition, Document Controllers will be advised (separately to the briefing) as they are possible points of contact for members of the supply chain using the affected standard.

STDCAL-000034	Power Supply Projects	30-Jan-2019	Cable Testing Voltages	Electrical Power	NR/PS/ELP/00008 NR/SP/ELP/21014	Clarification regarding specified testing voltages for single core cable used on 25 kV a.c. systems.	Y	Clarification	Accepted by Standard Owner	The challenge has been accepted by the standard owner and the applicant has been informed. This is being addressed through new standard NR/L2/ELP/23002 planned to be published in June 2020. This challenge is being incorporated in the new HV cable specification (NR/L2/ELP/23003) due for publication in September 2020. NR/L2/ELP/23003 supersedes NR/PS/ELP/00008, which contains the error. Applicant informed.
STDCAL-000035	VolkerRail	15-Feb-2019	Document Format	Signalling	NR/L3/SIG/10064	Readability of text in subject index.	N	Formatting	Standard Updated	A re-formatted version of NR/L3/SIG/10064 Issue 7 has been published on the website with increased font size.
STDCAL-000036	J Murphy & Sons	21-Feb-2019	Boreholes	Buildings & Civils	NR/L2/CIV/044	Use of a single borehole to confirm ground conditions for under-track crossing (UTX).	Y	Requirements	Applicant advised to progress as variation application.	Applicant has been advised that this should be submitted as a variation application.
STDCAL-000038	Hochtief	29-Mar-2019	Operational Property Drainage	Buildings & Civils	NR/L2/CIV/005	Standard currently does not include operational property drainage systems.	N	Requirements	Not to be progressed.	After detailed consideration by the working group it was decided that operational property drainage should remain excluded from the Drainage Systems Manual. The detailed reasons for this have been shared with the applicant.
STDCAL-000039	Hochtief	01-Apr-2019	Undertrack Crossings	Buildings & Civils	NR/L2/CIV/044	Minimum depths could use a risk-based approach and rational could be provided as to the reason for the requirement for minimum depths.	Y	Requirements	Standard Updated	The challenge has been accepted by the standard owner and the applicant has been advised. The revised standard will be published in March 2020.
STDCAL-000040	Hochtief	01-Apr-2019	Monitoring track during building works	Buildings & Civils	NR/L2/CIV/177	Duration of monitoring baseline and adopting a risk-based approach.	Y	Requirements	Standard Updated	The challenge has been accepted by the standard owner and the applicant has been advised. The revised standard will be published in March 2020.
STDCAL-000041	Hochtief	02-Apr-2019	Platform Copings	Buildings & Civils	NR/L3/CIV/030	Safe manual handling / lifting of coping stones, and loading requirements.	Y	Requirements	Accepted by Standard Owner	The challenge has been accepted by the standard owner.
STDCAL-000042	VolkerRail	16-Apr-2019	Task Briefing Sheets	Quality, Safety, Health & Environment	NR/L2/OHS/0044	Format of Task Briefing Sheet.	N	Requirements	Not to be progressed.	Previous issues with the suggested trifold style were that contractors tried to include too much information resulting in text too small to be read, or it being overly brief. Also, diagrams concluded to the trifold were so compressed they were unusable. The standard owner will not be progressing this application and the applicant has been advised.
STDCAL-000043	BAM Nuttall	25-Apr-2019	Handback linespeed following track replacement	Track	NR-L2-TRK-2102 Issue 8 NR-L2-TRK-4239 Issue 1	Handing back the track at line speed following infrastructure works to replace the track.	Y	Requirements	Detailed Evaluation in progress	Initial impact assessment identified there could be benefits from reduction in TSRs. The standard owner has engaged directly with the applicant and there has been further discussion at the steering group. An option being considered is to amend NR/L2/TRK/2500 to a Level 3 document which would be referenced from NR/L2/INI/02009 (currently being updated) to provide the 'how' to the generic engineering assurance requirements in 02009. The standard is currently being written and challenge has been taken into the working group.
STDCAL-000044	VolkerFitzpatrick Atkins	25-Apr-2019	Bridge Filler Beams	Buildings & Civils	NR/GN/CIV/025	Allowance for longitudinal shear resistance offered by metal components protruding into concrete.	Y	Requirements	Accepted by Standard Owner	Sent to Civils SCSE for detailed evaluation. The standard owner has advised the applicant that the updated standard is planned to be published in 2021/22 to align with output from a research and development project.
STDCAL-000045	J Murphy & Sons	25-Apr-2019	Battery Specification Requirements	Electrical Power	NR/SP/ELP/21041	Alternative approach to performance calculation of battery life with photovoltaic system.	N	Requirements	Not to be progressed.	The standard owner has undertaken a detailed evaluation of the challenge related to battery specification and charging and has decided not to progress the challenge as the proposal does not work with NR/SP/ELP/21041. Instead the applicant has been advised to take the idea through the product acceptance process, which would lead to a new or updated standard if required.
STDCAL-000046	J Murphy & Sons	25-Apr-2019	Undertrack Crossings	Buildings & Civils	NR/L2/CIV/044	Proposed performance specification instead of minimum depth of cover.	N	Requirements	Not to be progressed.	The challenge application has been reviewed by the standard owner and it has been confirmed that the challenge will not be progressed. The depth of cover has not been changed in CIV/044. 900mm is determined as a safe depth to avoid all formation and other parts of the track support. The 800mm in SIG/19812 is set to be removed when the standard is updated to remove the contradiction.
STDCAL-000047	Osborne	25-Apr-2019	Alternative Back-up Power Supplies	Electrical Power	NR/L2/ELP/40068	Include Uninterruptible Power Supplies (UPS) & Battery back-up supplies to signalling Principal Supply Points and Relocatable Equipment Buildings.	N	Requirements	Not to be progressed.	A detailed assessment of the challenge application has been undertaken and it has been agreed that this application will not be progressed. The standard in question does not specify that a UPS should be considered, this provision is made in NR/L2/ELP/27243 (Specification for Signalling Power Supplies). The applicant has been informed.
STDCAL-000048	Skanska UK	25-Apr-2019	Functionality in Design	Buildings & Civils	NR/CS/CIV/044	Integrated design approach using Functionality in Design.	N	Requirements	Accepted by Standard Owner	The challenge application has been reviewed by the standard owner and accepted. There are many updates that need to be made to this standard before it can be republished so it may take considerable time.
STDCAL-000049	Skanska UK	25-Apr-2019	Design Methodology of Geotechnical Structures	Buildings & Civils	NR/L3/CIV/071	Alternative design and calculation methods for geotechnical structures.	N	Requirements	Accepted by Standard Owner	Sent to Buildings & Civils SCSE for detailed evaluation. A review of NR/L3/CIV/071 was planned for completion on 7 June 2020 and would include consideration of this challenge along with other. The revision date for CIV/071 has been deferred to 20 Nov 2020 due to the effects of COVID-19 on forming a drafting group and workload on investigations due to a large number of earthwork failures during last Winter.
STDCAL-000050	Arup	10-Apr-2019	Recess beneath Platform Edge	Buildings & Civils	NR/CIV/SD/3020 – 34	Standard design dimensions do provide a TSI compliant recess.	N	Requirements	Accepted by Standard Owner	The challenge has been accepted by the standard owner.
STDCAL-000051	Amey	29-Apr-2019	Working on or near Signalling Power Distribution equipment	Signalling Electrical Power	NR/L3/SIGELP/50002	Type of equipment covered by the 'test before touch' procedure.	N	Requirements	Not to be progressed.	The Signalling and Electrical Power Standards & Controls Group Steering Groups have undertaken a detailed evaluation of these challenge applications and have decided that the challenge will not be progressed as O&P metallic housings and transformers (such as points heating installations) close to SPS equipment housings will have a solid earth connection from their TN supply, so any exported touch potentials should be grounded and never go above 50/60 V. The applicant has been informed. Following further discussion with the application it has been agreed that the applicable standards will be reviewed and any necessary adjustments will be made as required.
STDCAL-000052	Amey	29-Apr-2019	Points Heating Equipment	Electrical Power	NAT/REP/MP/ENG/EP3736860	Securing of Point Heating Strips	Y	Requirements	Accepted by Standard Owner	Sent to Electrical Power SCSE for detailed evaluation. Challenge has been accepted and applicant advised. Remit for NR/L2/ELP/40045 to be progressed.
STDCAL-000053	Kier Professional Services	22-May-2019	Requirements for Footbridges	Buildings & Civils	NR/L3/CIV/020 Issue 1 NR/CIV/TUM/400 Rev E	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'.	N	Clarification	Accepted by Standard Owner	The challenge has been accepted by the standard owner.
STDCAL-000054	Hochtief	03-Jun-2019	Requirements for Clay Bricks	Buildings & Civils	NR/L3/CIV/140/150C	BS 3921 has been withdrawn hence brick is no longer certified to this standard	N	Requirements	Accepted by Standard Owner	The challenge has been accepted by the standard owner. Remit is already live for this standard and the challenge will be incorporated into the remit.
STDCAL-000055	Hochtief	04-Jun-2019	Water Supply (Water Fittings) Regulations	Buildings & Civils	NR-GN-CIV-163	Duties required by the Water Supply (Water Fittings) Regulations 1999.	N	Requirements	Not to be progressed.	This application has been reviewed by the standard owner who has advised that the Network Rail guidance document is not intended to provide a means of control, mechanism for compliance or guidance for how to comply with Section 5 of the Water Supply (Water Fittings) Regulations 1999. As a result this challenge application will not be progressed. The applicant has been informed of the detailed reasoning.
STDCAL-000056	Hochtief	04-Jun-2019	Engineering Assurance Requirements	Track	NR/L2/TRK/2500	Engineering Assurance Arrangements for Track Engineering Projects outputs	N	Requirements	Detailed Evaluation in progress	The challenge application has been sent to standard owner to review. Reminder sent to standard owner. Standard is due to be published in September 2020.
STDCAL-000057	Balfour Beatty	07-Jun-2019	Warning sign dimensions for substations	Electrical Power	NR/L2/ELP/21131	Warning sign dimensions for substations	Y	Requirements	Standard Updated	The challenge has been accepted by the standard owner and the applicant has been informed. The revised standard was published in December 2019.
STDCAL-000058	AECOM	11-Jun-2019	DC circuit breaker protection settings	Electrical Power	NR/SP/ELP/21051 NR/GN/ELP/27006	Improved guidance for calculation of protection settings for DC circuit breakers	Y	Clarification	Detailed Evaluation in progress	This challenge application has been reviewed by the standard owner who is in further dialogue with the applicant.
STDCAL-000059	Hochtief	13-May-2019	H&S File Memorandum of Agreement and Deliverable Document Matrix	Information Management	NR/L2/INF/02202	Combine two forms into one.	N	Requirements	Accepted by Standard Owner	The standard owner has met with the applicant and agreed that the forms should not be combined. However we will amend AMPO8 and DDM to provide more cross-references. We will also update the DDM to include more information from the AMP. Proposals to be sent to applicant for information. We will also provide some further guidance notes in the DDM to relate this to information in CDM regulations.
STDCAL-000060	Hochtief	13-May-2019	CRE Competence Requirements	Projects	NR/L2/INI/02009	CRE competence requirements for off-site fabrication / quality assurance.	N	Requirements	Not to be progressed.	The standard owner has reviewed the challenge and has decided that the application will not be progressed. A detailed explanation has been provided to the applicant.
STDCAL-000061	Hochtief	13-May-2019	Requirements for doweling platform coping stones	Buildings & Civils	NR/L3/CIV/151/F010	Clarity on the requirements for doweling coping stones and provision of method for protecting worker from falls from height / moving trains whilst working on platforms.	N	Requirements	Accepted by Standard Owner	The challenge has been accepted by the standard owner.
STDCAL-000062	Hochtief	01-May-2019	Design check categories for platform piling	Buildings & Civils Projects	NR/L3/INI/CP0063 NR/L2/CIV/003	Clarification on category of design checks for platform piling.	N	Clarification	Accepted by Standard Owner	Accepted by standard owner on 24 July 2019. Technical Lead is in dialogue with Hochtief 20 and 21 May 2020. Recommendations and discussion points will be incorporated into the CP0063 update in due course.
STDCAL-000063	Arcadis UK	17-Jun-2019	Use of centralisers when soil nailing	Buildings & Civils	NR/L3/CIV/140/52C NR/CIV/SD/280	Proposal to not use centralisers when using self-drilling soil nails.	Y	Requirements	Not to be progressed.	The standard owner has reviewed the challenge and has decided that the application will not be progressed. A detailed explanation has been provided to the applicant.
STDCAL-000064	WSP UK	15-Jul-2019	Track construction tolerances	Electrical Power	NR/L2/ELP/27715	Track construction tolerances to provide electrical clearances.	Y	Requirements	Accepted by Standard Owner	This challenge application has been accepted by the standard owner. The applicant has been informed.
STDCAL-000065	Scott Parnell	05-Jul-2019	Installation of cable routes	Electrical Power	NR/SP/ELP/27224	Specification for installation of cable routes forming part of the traction distribution system	N	Requirements	Accepted by Standard Owner	Accepted by standard owner on 16 October 2019. This challenge is being incorporated in the new version of NR/L2/ELP/27224, which is due for publication in September 2020. Applicant informed.
STDCAL-000066	Story Contracting	22-Aug-2019	Minimum Rail Length (IBJ)	Track	NR/L2/TRK/2102	Minimum rail lengths for insulated block joints	N	Requirements	Detailed Evaluation in progress	The challenge application has been sent to standard owner to review. The standard is currently being written and challenge has been taken into the working group.
STDCAL-000067	VolkerRail	22-Aug-2019	Recording Spoken Safety Critical Communication	Operations	NR/L2/OPS/033	Recording Spoken Safety Critical Communications between Possession Management and Engineering Trains/On-Track Plant Drivers when Working in Possessions and Worksites	N	Requirements	Not to be progressed.	This challenge application has been reviewed by the standard owner who is in further dialogue with the applicant.

STDCAL-000068	Story Contracting	27-Aug-2019	Stress Free Temperature Values	Track	NR/L2/TRK/001/mod14	Stress Free Temperature Value Hierarchy following Project Works	N	Requirements	Accepted by Standard Owner	The standard owner has reviewed and this challenge is accepted. The proposal will be included in a new remit for updates to NR/L2/TRK/001/Mod14 to be presented to Track Standards & Controls Group on 10 March 2020.
STDCAL-000069	Hochtief	09-Sep-2019	TEF3069 Pesticide Application Record	Track	NR-L3-TRK-003 TEF3069	Change to title TEF form to include the word herbicide instead of or alongside pesticide	N	Clarification	Accepted by Standard Owner	The name of the TEF form will be amended in response to this challenge. The applicant has been informed.
STDCAL-000070	Babcock	12-Sep-2019	Index of Track Engineering Forms (TEFs)	Track	NR/L3/TRK/003	Index needs to be updated to accurately reflect the current issues of TEFs	N	Clarification	Standard Updated	The challenge has been accepted by the standard owner and has been addressed.
STDCAL-000071	Story Contracting	12-Sep-2019	Stress Free Temperature Values	Track	NR/L2/TRK/001/Mod14	Review the current Stress Free Temperature values to manage risks associated with disturbance/works in adjacent to track and in the shoulder area only.	N	Requirements	Accepted by Standard Owner	The standard owner has reviewed and this challenge has been accepted. Standard is in the workbank to be updated - currently due in March 2021
STDCAL-000072	WSP UK	26-Sep-2019	Ballast Ramps	Track	NR/L2/TRK/2102	Alternative arrangements to installing ballast ramps	Y	Requirements	Detailed Evaluation in progress	Detailed evaluation in progress. Applicant informed. The standard is currently being written and challenge has been taken into the working group.
STDCAL-000073	Amey	25-Sep-2019	Approval in Principle	Buildings & Civils	N2/L2/CIV/003/F002	Include requirement for designer to confirm design complies with the Approval in Principle document	N	Clarification	Standard Updated	The challenge has been accepted by the standard owner and has been addressed. Form F002 has been updated and was published in June 2020.
STDCAL-000074	Amey	24-Sep-2019	Wind Loading of OLE and Structures	Buildings & Civils	NR/L2/CIV/072	Correction to cross-reference	N	Clarification	Standard Updated	Standard updated and published on 8 Jan 2020 with change. The applicant has been informed.
STDCAL-000075	Atkins	07-Oct-2019	Cable Protection	Electrical Power	NR/SP/ELP/27242	Clarification on the level of mechanical protection required to be provided to Class II distribution cables.	N	Clarification	Not to be progressed.	A detailed evaluation of the challenge application has been undertaken and it has been determined that this application will not be progressed. The inconsistencies within the SIGELP standards are acknowledged and will be revised, however the intent is not to reduce the stipulated level of mechanical protection for signalling power cables. The applicant has been informed.
STDCAL-000076	WSP UK	11-Oct-2019	Minimum rail length	Track	NR/L2/TRK/2102	Minimum rail length required for permanent situation	Y	Requirements	Detailed Evaluation in progress	Detailed evaluation in progress. Applicant informed. The standard is currently being written and challenge has been taken into the working group.
STDCAL-000077	Hochtief	14-Oct-2019	Drainage plans	Buildings & Civils	NR/L2/CIV/005	Risk-based approach to runoff from common surfaces found within the Network Rail estate	N	Requirements	Not to be progressed.	A detailed review has been conducted of this challenge application. This challenge will not be progressed and the applicant has been informed of the detailed reasons.
STDCAL-000078	A & I Coatings (UK)	15-Oct-2019	Use of fluoropolymer paint technology	Buildings & Civils	NR/GN/CIV/002 NR/L3/CIV/040 NR/L3/CIV/039	To facilitate the use of fluoropolymer paint technology thereby enabling paint systems with design lives of up to sixty years	N	Requirements	Detailed Evaluation in progress	Further information was requested from the applicant and this has been provided. This has been sent to the standard owner for detailed evaluation. Our coatings specialist is conducting industry wide consultation to help shape the approach moving forward. The challenge will be considered but will also need to be validated against the proposed approach. Applicant informed.
STDCAL-000079	Hochtief	23-Oct-2019	Standard designs for DNO supply points and ballast boards	Buildings & Civils	NR/L3/CIV/151/F010	Provision of standard designs for DNO supply points and ballast boards	N	Requirements	Accepted by Standard Owner	This application has been accepted by the standard owner and applicant informed.
STDCAL-000080	J Murphy & Sons	04-Nov-2019	Gabion fill material	Buildings & Civils	NR/CIV/SD/201	Amend gabion fill material specification and gabion basket mesh size to allow track ballast to be used as gabion fill material	Y	Requirements	Accepted by Standard Owner	This application has been accepted by the standard owner and applicant informed.
STDCAL-000081	J Murphy & Sons	04-Nov-2019	Competence quads for key resources	Projects	NR/L2/INI/02009/02	Create a central database of approved CEM and CRE resources	Y	Requirements	Not to be progressed.	The standards working group for NR/L2/INI/02009 reviewed this challenge and agreed that this challenge will not be progressed. The reasons are: potential risk of confusing accountabilities over CEM/CRE competency; cost and complexity of setting up and maintaining the database; and potentially eroding a key control which requires appropriately competent resources to be appointed on a project by project basis. This allows specific project risks to be fully considered. The applicant has been informed.
STDCAL-000082	J Murphy & Sons	04-Nov-2019	Design criteria for replacement of structural parts and elements	Buildings & Civils	NR/L3/CIV/020	Alternate design criteria to replacement of structural parts and elements	Y	Requirements	Accepted by Standard Owner	The standard owner has reviewed the challenge and this has been accepted. NR/L2/CIV/020 is in the pipeline for a full review next financial year with the aim of updating the standard in the following financial year. The review will take in to account this standards challenge and propose a solution taking in to account Network Rail's future strategy on management of bridges. A review of standard CIV/020 is planned for 2020/21, with the design requirements around strengthening, alteration and repair at the heart of the review. The principles behind the challenge are accepted and will be considered as part of the upcoming review.
STDCAL-000083	WSP UK	08-Nov-2019	Structural Expansion Joints	Track	NR-L2-TRK-9020	Correction to figure showing which rails are free and fixed	N	Clarification	Standard Updated	Accepted by the standard owner. The updated standard was published in March 2020. The applicant has been informed.
STDCAL-000084	Hochtief	12-Nov-2019	Bolt Protective Coating	Buildings & Civils	NR/L3/CIV/140/172C	Requirement for protective coating required for cast in holding down bolts.	N	Clarification	Accepted by Standard Owner	It is agreed that the requirements can be read in two ways which can lead to confusion. There is a live project remit for updating NR/L2/CIV/140 and this challenge will be accepted. The text within the specification will be amended to reflect the differing requirements for structural steelwork and cast-in bolts/flanges.
STDCAL-000085	Costain	20-Nov-2019	Asset Management Plan optimisation	Maintenance	NR/L3/MTC/089	Optimisation of the Asset Management Plan (AMP) enabling projects to be delivered more efficiently	N	Requirements	Accepted by Standard Owner	The challenge application was raised against an earlier version of the standard. The challenge application has been reviewed against the latest issue of the standard and has been accepted.
STDCAL-000086	Costain	20-Nov-2019	Form 2/3 Completion	Buildings & Civils	NR/L2/CIV/003	Requirement to complete Form 2/3 for certain category works	N	Requirements	Not to be progressed.	The challenge application was raised against issue 4 of the standard rather than issue 5 published in December 2018. Following detailed review the standard owner has decided not to progress this standards challenge. Whilst the simpler works are considered lower risk, due to the lower level of scrutiny we continue to encounter safety related incidents and therefore cannot justify providing further relaxations/exceptions to the assurance requirements. It is appreciated that the supply chain may not see the benefits from having a rigorous assurance process for simpler works, however Network Rail find this information extremely beneficial. The standard currently permits exceptions/relaxations to assurance activities e.g. F003 not being required if RAM endorsement is sought.
STDCAL-000087	Costain	11-Nov-2019	Product Acceptance requirements	Network Rail Assurance Panel	NR/L2/RSE/100/05	Suggested changes to Product Acceptance requirements	N	Requirements	Detailed Evaluation in progress	Detailed evaluation in progress. Applicant informed.
STDCAL-000088	WSP	27-Nov-2019	Touch Voltages	Electrical Power	NR/SP/ELP/21085	Alignment of permissible touch voltages with 2017 version of BS EN 50122-1	N	Requirements	Standard Updated	This challenge was accepted by the standard owner and addressed by the update of NR/L2/ELP/21085 published in June 2020.
STDCAL-000089	J Murphy & Sons	02-Dec-2019	Design of OLE structures	Buildings & Civils	NR/L2/CIV/072 NR/L2/CIV/073	Loading criteria for new OLE structures	N	Requirements	Not to be progressed.	This application has been evaluated and will not be progressed on the basis that the design requirements are aligned with the Eurocode requirements, which tailors the partial factors so that full load effects from both extreme events are not considered simultaneously. Applicant informed.
STDCAL-000090	J Murphy & Sons	02-Dec-2019	Life of coatings	Buildings & Civils	NR/L3/CIV/039	Life of coatings on surfaces prepared to SIS manually or by power tools	N	Requirements	Accepted by Standard Owner	Accepted by the standard owner. Updated standard planned for publication in March 2021.
STDCAL-000091	SPL	19-Dec-2019	Accuracy of track survey system	Track	NR/L2/TRK/3100	Accuracy of RILA track survey measurement method	N	Requirements	Detailed Evaluation in progress	The challenge application has been sent to the standard owner to review. However, the standard is delayed in publication.
STDCAL-000092	Arup	17-Jan-2020	Access Paths and Cess Walkways	Quality, Safety, Health & Environment	NR/SP/OHS/069	Construction requirements for walkways and also clarity around requirements for provision.	N	Requirements	Accepted by Standard Owner	Detailed evaluation undertaken and changes to standard are to be made. A remit has been drafted to form the Working Group to update this standard.
STDCAL-000093	Arup	17-Jan-2020	Platform Coping Stone Dimensions	Buildings & Civils	NR/L3/CIV/030	Dimensions of coping stones for platforms.	N	Requirements	Detailed Evaluation in progress	The challenge application has been sent to the standard owner to review.
STDCAL-000094	WSP	21-Jan-2020	Cable Specifications	Electrical Power	NR/PS/ELP/00008	Some of the specified British Standards are no longer applicable or valid.	N	Requirements	Accepted by Standard Owner	This challenge has been accepted and is due for inclusion in the new cable specification (NR/L2/ELP/23003) which supersedes NR/PS/ELP/00008. Applicant informed.
STDCAL-000095	WSP	05-Feb-2020	d.c. earthing arrangements	Electrical Power	NR/SP/ELP/21032	Requirements for earthing arrangements.	N	Requirements	Accepted by Standard Owner	New standard NR/L2/ELP/23004 (which supersedes 21032) will incorporate this challenge and will be published in September 2020. Applicant informed.
STDCAL-000096	Costain	10-Feb-2020	Platform Gauge Recording	Track	NR/L2/TRK/3203	Measurement equipment and methods for platform gauge recording.	N	Requirements	Detailed Evaluation in progress	The challenge application has been sent to the standard owner to review.
STDCAL-000097	AECOM	17-Feb-2020	Conductor Rail Drawings	Electrical Power	NR/L3/ELP/27250	Further information needed for requirements relating to conductor rail provision.	Y	Requirements	Accepted by Standard Owner	The challenge applicant has been reviewed by the standard owner and accepted.
STDCAL-000098	AMCOGiffen	19-Feb-2020	Requirements for galvanising	Buildings & Civils	NR/L3/CIV/040	Thickness of galvanising.	N	Requirements	Detailed Evaluation in progress	Having discussed in more detail application this is currently being reviewed.
STDCAL-000099	Hochtief	21-Feb-2020	Protective Coating Requirements	Buildings & Civils	NR/L3/CIV/140 NR/L3/CIV/039 NR/L3/CIV/040 NR-GN-CIV-002	Recommended review of documents to reduce complexity and cost for protective coating works.	N	Requirements	Accepted by Standard Owner	The challenge applicant has been reviewed by the standard owner and accepted. It is recognised that the coatings standards and specifications need a thorough review. A coatings technical expert has been engaged to assist with the reviewing and updating our coatings standards and specifications. The coatings technical expert is currently conducting industry liaison which will be used to inform the direction of travel we will take. We will take on board the comments/concerns raised within this challenge.
STDCAL-000100	AECOM	25-Feb-2020	OLE Stagger Reduction Values	Electrical Power	NR/L2/ELP/27212 NR/L2/ELP/21088/02	Clarification of requirements for MK1 OLE equipment stagger reduction.	N	Clarification	Accepted by Standard Owner	The challenge applicant has been reviewed by the standard owner and accepted.
STDCAL-000101	Babcock Rail	06-Mar-2020	Rail Grinding for Welding	Track	NR/L2/TRK/0032	Rail grinding requirements for joining rails by aluminothermic welding	Y	Requirements	Detailed Evaluation in progress	The challenge application has been sent to the standard owner to review.
STDCAL-000102	Hochtief	14-Mar-2020	Personal Voltage Detectors	Plant	NR/L2/RMVP/0200/P508	Mandating the use of personal voltage detectors when working in OLE areas in MEWPs to prevent inadvertent contact with live electrical conductors	N	Requirements	Detailed Evaluation in progress	The challenge application has been sent to the standard owner to review.
STDCAL-000103	Arup	16-Mar-2020	Footbridge Ramps	Buildings & Civils	NR/CIV/SD/440 NR/CIV/SD/441 NR/CIV/SD/442 NR/CIV/SD/443	Inconsistency with requirements for gradients of footbridge ramps	N	Requirements	Accepted by Standard Owner	The challenge has been accepted by the standard owner.
STDCAL-000104	Hochtief	19-Mar-2020	Building Information Modelling	Projects	NR/L2/INI/EDT/CP0091	Requirements for colours used in Building Information Modelling	N	Requirements	Accepted by Standard Owner	The challenge is partially accepted, the detailed response setting out what is accepted and not. A variation pending standards change against NR/L2/INI/EDT/CP0091 will be approved for the part of the challenge that has been accepted.
STDCAL-000105	Hochtief	25-Mar-2020	Asphalt and Yellow Lines for Platforms	Buildings & Civils	NR/L3/CIV/151/F010 NR/CIV/SD/3010 NR/CIV/SD/3012	Detailed requirements relating to materials used	N	Requirements	Detailed Evaluation in progress	The challenge application has been sent to the standard owner to review.

STDCHAL-000106	Fenix Rail Systems	27-Mar-2020	Reed Track Circuits	Signalling	NR/PS/SIG/11763	Requirements relating to cable lengths and loop impedance	N	Clarification	Not to be progressed.	The challenge applicant has been sent to standard owner to review. Application reviewed as part of Signal Engineering helpline. The standard owner has advised that the primary requirement is to achieve the loop resistance values stated. Cable lengths are provided essentially as guidance to avoid the need to undertake a detailed calculation each time. When the standard is updated the clauses will be RAGed, and the cable lengths will be a Green (Guidance) and the loop resistance an Amber (Requirement). It should be noted that as per section 4.1 cable lengths should be minimised and only when Local Restrictions apply can these values and lengths be used. This standard is not currently planned for an update, and due to the arrangement being non-preferred and use of Reed Track circuits reducing this change will not be made as a priority but will be logged when next update is planned. Applicant has been informed and confirmed that this can be closed.
STDCHAL-000107	Arcadis Consulting	15-Apr-2020	Monitoring track during building works	Buildings & Civils	NR/L2/CIV/177	Action limits for measurement of twist	N	Requirements	Not to be progressed.	This challenge application has been reviewed and it has been decided that this challenge will not be progressed. The applicant has been informed of the detailed reasons for the decision.
STDCHAL-000108	Amey Consulting	05-May-2020	Boundary Measures Manual	Buildings & Civils	NR/L2/OTK/5100	Incomplete standard issues and previous version withdrawn.	Y	Requirements	Detailed Evaluation in progress	The standard owner has discussed with the applicant. It was acknowledged that the language in the standard was orientated towards maintenance and renewals and was less 'obvious' when dealing with a new line. The class of fence is determined by adjacent land use risk and likelihood rather than the risks emanating from the railway corridor. The challenge will be kept open in case any other issues came to light.
STDCHAL-000109	Baldwin and Francis	13-May-2020	Travel arrangements during COVID-19 pandemic	Maintenance	NR/L3/MTC/CP009	Requirements for travelling in vans (COVID-19)	N	Requirements	Not to be progressed.	This application has been reviewed and will not be progressed. The applicant has been informed.
STDCHAL-000110	Amey	01-Jun-2020	Points Heating Equipment	Electrical Power	NAT/REP/MP/ENG/EP3736860 NR/EP/SD/4005 NR/EP/SD/4006 NR/EP/SD/4007	New combination of Point Operating Equipment and rail type has been introduced	Y	Requirements	Accepted by Standard Owner	This standard relates to standard drawings for points heating and is connected to STDCHAL-00030. The drawings have been updated. A remit for a new points heating standard is now live.
STDCHAL-000111	BAM Nuttall	04-Jun-2020	Use of furnace bottom ash	Buildings & Civils	NR/L3/CIV/140/52C	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"	Y	Requirements	Detailed Evaluation in progress	The challenge application has been sent to the standard owner to review.
STDCHAL-000112	BAM Nuttall	04-Jun-2020	Number of footbridge risers	Buildings & Civils	NR/L3/CIV/020	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	Y	Requirements	Detailed Evaluation in progress	The challenge application has been sent to the standard owner to review.
STDCHAL-000113	BAM Nuttall	04-Jun-2020	Bridge collision loading	Buildings & Civils	NR/L3/CIV/020	Use and adapt/adopt UIC777-2R within Network Rail standards to provide a more cost efficient design for railway collision loading	Y	Requirements	Detailed Evaluation in progress	The challenge application has been sent to the standard owner to review.
STDCHAL-000114	Amey	11-Jun-2020	Along-track screening conductors	Electrical Power	NR/L2/ELP/21085	The statement "Along-track screening conductors are not required for signalling power cables" is misleading	N	Requirements	Not to be progressed.	This challenge application has been reviewed and it has been decided that this challenge will not be progressed. The applicant has been informed of the detailed reasons for the decision.
STDCHAL-000115	Amey Consulting	15-Jun-2020	Short circuit rating of conductors	Electrical Power	NR/L2/ELP/21085	Dimensioning of conductors for short-circuit rating using the adiabatic method for different fault levels	N	Requirements	Not to be progressed.	This challenge application has been reviewed and it has been decided that this challenge will not be progressed. The applicant has been informed of the detailed reasons for the decision.
STDCHAL-000116	Amey Consulting	22-Jun-2020	Current contact zone parameter	Electrical Power	NR/L2/ELP/21085	Proposals for the current contact zone parameter in relation to the highest point of the overhead contact line	N	Requirements	Not to be progressed.	This challenge application has been reviewed and it has been decided that this challenge will not be progressed. The applicant has been informed of the detailed reasons for the decision.
STDCHAL-000117	Amey Consulting	23-Jun-2020	Aerial earth wire termination bonds	Electrical Power	NR/L2/ELP/21085	Clarify the number of aerial earth wire termination bonds	N	Clarification	Accepted by Standard Owner	The challenge has been accepted by the standard owner and another line will be added to Table 3 in Clause 17.1.1.1. The applicant has been informed. The Standards & Controls Steering Group has agreed to amend this standard in response to this challenge when it is next updated, as this is a minor amendment.
STDCHAL-000118	SPL Powerlines UK	01-Jul-2020	Overhead line foundation loads	Buildings & Civils	NR/L2/CIV/074	Removal of the 'minimum load' table for the design and installation of overhead line foundations	Y	Requirements	Detailed Evaluation in progress	The challenge application has been sent to the standard owner to review.
STDCHAL-000119	AECOM	14-Jul-2020	Symbol Library	Electrical Power	NR/L3/ELP/27218	The symbol library is not up to date.	Y	Requirements	Detailed Evaluation in progress	The challenge application has been sent to the standard owner to review.
STDCHAL-000120	AECOM	14-Jul-2020	Record Information	Electrical Power	NR/L2/ELP/21120 NR-L2-INI-EDT-CP0091 NR-SP-ELP-27300	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.	N	Requirements	Detailed Evaluation in progress	The challenge application has been sent to the standard owner to review.
STDCHAL-000121	Alstom (SS&I)	16-Jul-2020	Tag Files for SSI records	Signalling	NR/L2/SIG/11201	Provision of 'Tag Files etc for SSI' was no longer required by NB26.	N	Requirements	Detailed Evaluation in progress	The challenge application has been sent to the standard owner to review.