

## Status of Standards Challenge Applications (18th June 2024)

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 to Revise Standard
STDCHAL-000002	13/11/2017	O.E.E 156	Electrical Power	OLE Mast Design	Potential for simplification of fabricated overhead line masts.	Accepted to Revise Standard
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/2049/MOD05	Track	Track Design Handbook System Interfaces - Electrical Clearances		Not Proceed
STDCHAL-000006	12/04/2018	NR/L3/TRK/2049/MOD05	Track	Track Design Handbook System Interfaces - Conductor Rail		Not Proceed
STDCHAL-000007	12/04/2018	NR/L3/TRK/2049/MOD05	Track	Track Design Handbook System Interfaces - Platforms		Not Proceed
STDCHAL-000008	12/04/2018	NR/L3/TRK/2049/MOD05	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 to Revise Standard
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NR/L2/RSE/100/Guide	Network Rail Assurance Panel	NR/L2/RSE/100/Guide	Request for document to be withdrawn as it is out of date.	Standard withdrawn as a result of this challenge application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	Standard withdrawn as a result of this challenge application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 Power	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 to Revise Standard
STDCHAL-000014	20/04/2018	NR/L3/TRK/2049	Track	Depot Track Standards	TREAT AS CONFIDENTIAL	Accepted to Revise Standard
STDCHAL-000015	08/06/2018	NR/L2/ELP/27325	Electrical Power	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 to Revise Standard
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.	In Progress
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 to Revise Standard
STDCHAL-000018	26/06/2018	NAT/REP/MP/ENG/EP3736860	Electrical Power	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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 Power	Engineering Assurance Requirements	NR/L2/INI/CP0069 listed in the references but document has been withdrawn. Change PRS to RRD/DRRD.	Accepted to Revise Standard
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 to Revise Standard
STDCHAL-000030	09/10/2018	NAT/REP/MP/ENG/EP3736860	Electrical Power	Points Heating Equipment	Proposed changes to the arrangement drawings for electric points heating equipment.	Accepted to Revise Standard
STDCHAL-000031	31/10/2018	NR/L2/ELP/40045 NR standard drawing NR/EP/SD/439	Electrical Power	Points Heating Equipment	Transformer terminal arrangements for supplying point strip heaters.	Accepted to Revise Standard
STDCHAL-000032	12/11/2018	RTS-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 to Revise Standard
STDCHAL-000034	30/01/2019	NR/PS/ELP/00008 NR/SP/ELP/21014	Electrical Power	Cable Testing Voltages	Clarification regarding specified testing voltages for single core cable used on 25 kV a.c. systems.	Accepted to Revise Standard
STDCHAL-000035	15/02/2019	NR/L3/SIG/10064	Signalling	Document Format	Readability of text in subject index.	Accepted to Revise Standard
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 to Revise Standard
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 to Revise Standard
STDCHAL-000041	02/04/2019	NR/L3/CIV/030	Buildings & Architecture	Platform Copings	Safe manual handling / lifting of coping stones, and loading requirements.	Accepted to Revise Standard
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 to Revise Standard
STDCHAL-000045	25/04/2019	NR/SP/ELP/21041	Electrical Power	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 Power	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 to Revise Standard
STDCHAL-000049	25/04/2019	NR/L3/CIV/071	Geotechnical	Design Methodology of Geotechnical Structures	Alternative design and calculation methods for geotechnical structures.	Accepted to Revise Standard
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 to Revise Standard
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/MP/ENG/EP3736860	Electrical Power	Points Heating Equipment	Securing of Point Heating Strips	Accepted to Revise Standard
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 to Revise Standard
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 to Revise Standard
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	In Progress
STDCHAL-000057	07/06/2019	NR/L2/ELP/21131	Electrical Power	Warning sign dimensions for substations	Warning sign dimensions for substations	Accepted to Revise Standard
STDCHAL-000058	11/06/2019	NR/SP/ELP/21051 NR/GN/ELP/27006	Electrical Power	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 to Revise Standard
STDCHAL-000060	13/05/2019	NR/L2/INI/02009	Projects	CRE Competence Requirements	CRE competence requirements for off-site fabrication / quality assurance.	Not Proceed
STDCHAL-000061	13/05/2019	NR/L3/CIV/151/F010	Buildings & Civils	Requirements for doweling platform coping stones	Clarity on the requirements for doweling coping stones and provision of method for protecting worker from falls from height / moving trains whilst working on platforms.	Accepted to Revise Standard

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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 to Revise Standard
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 Power	Track construction tolerances	Track construction tolerances to provide electrical clearances.	Accepted to Revise Standard
STDCHAL-000065	05/07/2019	NR/SP/ELP/27224	Electrical Power	Installation of cable routes	Specification for installation of cable routes forming part of the traction distribution system	Accepted to Revise Standard
STDCHAL-000066	22/08/2019	NR/L2/TRK/2102	Track	Minimum Rail Length (IBJ)	Minimum rail lengths for insulated block joints	Accepted to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
STDCHAL-000074	24/09/2019	NR/L2/CIV/072	Buildings & Civils	Wind Loading of OLE and Structures	Correction to cross-reference	Accepted to Revise Standard
STDCHAL-000075	07/10/2019	NR/SP/ELP/27242	Electrical Power	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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
STDCHAL-000083	08/11/2019	NR-L2-TRK-9020	Track	Structural Expansion Joints	Correction to figure showing which rails are free and fixed	Accepted to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
STDCHAL-000088	27/11/2019	NR/SP/ELP/21085	Electrical Power	Touch Voltages	Alignment of permissible touch voltages with 2017 version of BS EN 50122-1	Accepted to Revise Standard
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 to Revise Standard
STDCHAL-000091	19/12/2019	NR/L2/TRK/3100	Track	Accuracy of track survey system	Accuracy of RILA track survey measurement method	Accepted to Revise Standard
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 to Revise Standard
STDCHAL-000093	17/01/2020	NR/L3/CIV/030	Buildings & Architecture	Platform Coping Stone Dimensions	Dimensions of coping stones for platforms.	Accepted to Revise Standard
STDCHAL-000094	21/01/2020	NR/SP/ELP/00008	Electrical Power	Cable Specifications	Some of the specified British Standards are no longer applicable or valid.	Accepted to Revise Standard
STDCHAL-000095	05/02/2020	NR/SP/ELP/21032	Electrical Power	d.c. earthing arrangements	Requirements for earthing arrangements.	Accepted to Revise Standard
STDCHAL-000096	10/02/2020	NR/L2/TRK/3203	Track	Platform Gauge Recording	Measurement equipment and methods for platform gauge recording.	Accepted to Revise Standard
STDCHAL-000097	17/02/2020	NR/L3/ELP/27250	Electrical Power	Conductor Rail Drawings	Further information needed for requirements relating to conductor rail provision.	Accepted to Revise Standard
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 to Revise Standard
STDCHAL-000100	25/02/2020	NR/L2/ELP/27212 NR/L2/ELP/21088/02	Electrical Power	OLE Stagger Reduction Values	Clarification of requirements for MK1 OLE equipment stagger reduction.	Accepted to Revise Standard
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 to Revise Standard
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 to Revise Standard
STDCHAL-000106	27/03/2020	NR/PS/SIG/11763	Signalling	Reed Track Circuits	Requirements relating to cable lengths and loop impedance	Accepted to Revise Standard
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 to Revise Standard
STDCHAL-000109	13/05/2020	NR/L3/MTC/CP009	Maintenance	Travel arrangements during COVID-19 pandemic	Requirements for travelling in vans (COVID-19)	Not Proceed
STDCHAL-000110	01/06/2020	NAT/REP/MP/ENG/EP3736860 NR/EP/SD/4005 NR/EP/SD/4006 NR/EP/SD/4007	Electrical Power	Points Heating Equipment	New combination of Point Operating Equipment and rail type has been introduced	Accepted to Revise Standard
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 to Revise Standard
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 Power	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 Power	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 Power	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 Power	Aerial earth wire termination bonds	Clarify the number of aerial earth wire termination bonds	Accepted to Revise Standard
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 to Revise Standard
STDCHAL-000119	14/07/2020	NR/L3/ELP/27218	Electrical Power	Symbol Library	The symbol library is not up to date.	Accepted to Revise Standard
STDCHAL-000120	14/07/2020	NR/L2/ELP/21120 NR-L2-INI-EDT-CP0091 NR-SP-ELP-27300	Electrical Power	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 to Revise Standard
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 to Revise Standard
STDCHAL-000122	06/08/2020	NR/L2/CIV/193	Buildings and Architecture	Lift Commissioning	Further clarity required on the requirements for lift commissioning and acceptance.	Not Proceed
STDCHAL-000123	09/09/2020	NR/L2/CIV/003	Buildings & Civils	Asset Status Reports	Provision of Asset Status Reports by the RAM team to ensure the designers are aware of issues with assets which interface with the proposed works to prevent work in later GRIP stages.	Accepted to Revise Standard
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 random testing applies to PTS card holders or all Sentinel card holders.	Accepted to Revise Standard

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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	In Progress
STDCHAL-000126	24/09/2020	NR/L2/RMVP/0200 Module P503	Plant	Lifting Operations	Potential to use existing construction competencies 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 to Revise Standard
STDCHAL-000128	12/10/2020	NR/L3/INI/P3M/131/02	Projects	Document Referencing	Standard does not enable application of modern/best practice.	Accepted to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
STDCHAL-000136	18/01/2021	NR/L2/TEL/30135	Telecommunications	CCT V coverage for fire exits & secondary means of escape	Expand table 3 (cl9.4.1) to provide clear requirements for CCTV coverage for fire exits & secondary means of escape	Accepted to Revise Standard
STDCHAL-000137	19/01/2021	NR/L1/ELP/27000	Electrical Power	Operational Sectioning Locations	Delete clause 4.7.3. (should not be requirement for all loops but considered on its merits)	Accepted to Revise Standard
STDCHAL-000138	28/01/2021	NR/L3/ELP/27237	Electrical Power	D29 Droppers	Add details on requirements for installation	Not Proceed
STDCHAL-000139	10/02/2021	NR/L1/ELP/27000	Electrical Power	Design of crossovers & turnouts	EP267 is amber. Should be green to align with related clause in NR/L2/ELP/27715	Accepted to Revise Standard
STDCHAL-000140	10/02/2021	NR/L3/CIV/020	Buildings & Civils	Accidental derailment loading	To be able to use columns not designed for train derailment but that will be protected by the existing platform (at Walton-on-Thames)	Not Proceed
STDCHAL-000141	10/02/2021	NR/L3/TRK/2049	Track	Non-provision of future OLE clearance	To be able to locate footbridge (at Walton-on-Thames) to provide clear distance of 4.64m from rail level to the soffit of the bridge.	Not Proceed
STDCHAL-000142	17/02/2021	NR/L2/OHS/019	Quality, Health, Safety & Environment	Management of runaway risk	To update Appendix B of module 05 to allow the user of watchpersons where no barrier can be put in place (removing conflict with Appendix C)	Accepted to Revise Standard
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 to Revise Standard
STDCHAL-000144	18/02/2021	NR/L2/TRK/2500	Track	Roles & responsibilities	Amended to provide clear responsibility for obtaining the NR/L2/MTC/089/AMP009 and incorporating this information into the design before the form A is issued for approval.	Accepted to Revise Standard
STDCHAL-000145	03/03/2021	NR/L2/ELP/27311	Track	Roles & responsibilities	Records of Verifying documents - Add a box to the form where references to Verifying documents can be recorded. Certification of consequential works- Provide guidance within the standard as to how consequential works are certified. Specifically, the replacement of passive fire stopping.	Accepted to Revise Standard
STDCHAL-000146	03/03/2021	NR/L2/OHS/00110	Track	Roles & responsibilities	Permit contractors to use their own governance for sites they are managing in accordance with their own HSMS: simplifies contract administration.	Not Proceed
STDCHAL-000147	03/03/2021	NR/L3/INI/CP0036	Track	Roles & responsibilities	Permit contractors to use their own governance for the provision of welfare facilities if contractors have suitable arrangements which equal or exceed those of Network Rail.	Not Proceed
STDCHAL-000148	11/03/2021	NR/L2/CIV/003	Buildings & Civils	Inspection and Testing	Section 14 should be reworded into a number of key requirements.	Accepted to Revise Standard
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 to Revise Standard
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 to Revise Standard
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).	In Progress
STDCHAL-000153	22/03/2021	NR/L2/OHS/019	Quality, Health, Safety & Environment	Reference documentation - Page 5	Out of date references	Accepted to Revise Standard
STDCHAL-000154	23/03/2021	NR/L2/SIG/11201	Signalling	Sections 1.1.4 & 1.1.5 referencing incorrect	Out of date references	Accepted to Revise Standard
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 to Revise Standard
STDCHAL-000156	28/04/2021	NR/L2/ELP/21085	Electrical Power	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 Power	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 to Revise Standard
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.	In Progress
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	
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."	In Progress
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 to Revise Standard
STDCHAL-000164	14/07/2021	NR/L2/RSE/02009	Systems Engineering	Section B6. CRE construction	Out of date references	In Progress
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 to Revise Standard
STDCHAL-000167	21/07/2021	NR/L2/ELP/40068	Electrical Power	Diesel generator minimum running time	Change of mrt.	Accepted to Revise Standard
STDCHAL-000168	22/07/2021	NR/L2/CIV/193	Buildings & Architecture	Footbridges 7 Lift call buttons	Relocate lift call button	Not Proceed
STDCHAL-000169	22/07/2021	NR/L2/TRK/3203	Track	The available range of Survey Methods in Table E.1 which does not recognise the advances in survey technology and the introduction of new survey equipment since this Standard was published in 2011.	Standard should be revised to include the latest survey equipment and allow alternative (more modern) methods of survey data collection and post-survey processing which can produce more accurate data sets and reduce the unnecessary iterations of design and additional clearance analysis.	Accepted to Revise Standard
STDCHAL-000170	06/08/2021	NR/L3/ELP/27250	Electrical Power	Sheet 602 – Symbols for cable and bonds used on negative drawings	Due to on-going 150mm <sup>2</sup> alu cable shortages, the only alternate provided by the table is a 161mm <sup>2</sup> copper cables. In most cases copper cables are non preferred due to likely cable theft risk.	In Progress
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 to Revise Standard

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
STDCHAL-000172	16/08/2021	NR NR/L2/CIV/005	Buildings & Civils	10 Post- Installation	Standard 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 the need to provide operation and maintenance manuals for non-standard items such as oil interceptors 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 to Revise Standard
STDCHAL-000174	13/09/2021	NR/L2/ELP/23001	Electrical Power	6.2 Environmental Conditions	COTS vs full engineered to order solution.	In Progress
STDCHAL-000175	15/09/2021	NR/L2/ELP/27550	Electrical Power	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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
STDCHAL-000180	06/10/2021	NR/L2/ELP/27715	Electrical Power	Flexibility when positioning DEP (Designated Earthing Point) locations	Standard (and others as applicable) should not intentionally provide conflict with NR/L3/ELP/29987/07.	In Progress
STDCHAL-000181	07/10/2021	NR/L2/MTC/006	Quality, Health, Safety & Environment	Standard out of date	Update Standard	Accepted to Revise Standard
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 to Revise Standard
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.	In Progress
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 to Revise Standard
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 to Revise Standard
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 Power	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 to Revise Standard
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 to Revise Standard
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	In Progress
STDCHAL-000195	04/01/2022	NR/L3/ELP/29987	Electrical Power	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.	In Progress
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 to Revise Standard
STDCHAL-000199	02/03/2022	NR/L2/TRK/1019	Track	General visual inspection minimum illuminance requirements	Lower the minimum illuminance requirements.	Accepted to Revise Standard
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 to Revise Standard
STDCHAL-000203	30/03/2022	NR/L3/TRK/7012	Track	Various	Various	Accepted to Revise Standard
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 to Revise Standard
STDCHAL-000205	29/04/2022	NR/L2/TRK/2102	Track	cl.10.3.4 Ballast excavation	Provide guidance on control measures to reduce risks.	Not Proceed
STDCHAL-000206	29/04/2022	NR/L2/CIV/295	Buildings & Civils	It's not obvious how the tidal velocity should be used in Figure A.9 EX2502 calculation sheet	Clarify this, and update this standard to enable asset management teams to appropriately manage tidal scour.	Accepted to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 Power	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 to Revise Standard
STDCHAL-000211	23/05/2022	NR-L3-ELP-21085	Electrical Power	Various	Improve the contents of the standard.	Accepted to Revise Standard
STDCHAL-000212	31/05/2022	NR/L2/OHS/00130	Workforce Safety	Various	Affordability of the protection methods detailed within the standard.	Accepted to Revise Standard
STDCHAL-000213	13/06/2022	NR/SP/ELP/27242	Electrical Power	Standard out of date	Complete revision	Accepted to Revise Standard
STDCHAL-000214	14/06/2022	NR/L2/CIV/177	Buildings & Civils	Type of monitoring	Clearly define allowable methodology for monitoring the track & other types of infrastructure.	Not Proceed
STDCHAL-000215	01/07/2022	NR/L2/CIV/178	Buildings & Civils	Definition of Working Platform	Amend the definition of Working Platform.	Not Proceed
STDCHAL-000216	28/07/2022	NR/L2/TRK/2102	Track	Changes in horizontal alignment	Where track lowers are being considered for Electrification or gauge clearance allow vertical alignment changes to be coincident with horizontal transitions	In Progress
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	In Progress
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	In Progress
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 Power	Guidance for Bonding in complex areas	Clause 18.2.2 is updated to include a guidance section.	In Progress
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 to Revise Standard
CHL/2	03/10/2022	NR/L2/CIV/044	Buildings & Civils	Depth of UTX cover to be a minimum of 900mm between sleeper soffit and crown of pipe.	A reduction in the desirable depth of cover without additional measures to 600mm.	Not Proceed
CHL/3	04/10/2022	NR/L3/OHS/019-IP	Workforce Safety	Withdrawal of standard	Work to NR/L2/OHS/019 Issue 11 and disregard NR/L3/OHS/019-IP.	Accepted to Revise Standard

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
CHL/4	04/10/2022	NR/L1/ELP/27000	Electrical Power	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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
CHL/19	16/01/2023	NR/L2/ELP/27224	Electrical Power	Various Clauses	Clauses 7.3, 8.5 and 8.9	Accepted to Revise Standard
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 to Revise Standard
CHL/24	01/02/2023	NR/L2/RSE/100	Systems Engineering	The Product Acceptance Service Guidance Note 'How to decide what needs product acceptance' (currently at Issue 1.1)	The items listed in this guidance document and the applicability of NR/L2/RSE/100/05 is reconsidered.	Not Proceed
CHL/25	01/02/2023	NR/L3/ENV/305	Environment and Sustainability	Broken PEN conductors Guidance	Several amendments to Guidance	Not Proceed
CHL/26	16/02/2023	NR/GN/OTK/5000	Off Track	The specification for posts should be expanded to include requirements for steel posts.	Update specification to include steel posts as well as timber eg following product <a href="https://mcveighparker.com/clipex">https://mcveighparker.com/clipex</a>	Not Proceed
CHL/27	24/02/2023	NR/L2/TRK/2102	Track	Cant deficiency and line speed improvements	Clause 8.5.8 Cant deficiency and line speed improvements should be revised and reissued.	Accepted to Revise Standard
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 to Revise Standard
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 Power	Wording of the existing clauses	DLR interface with the SCADA system	Accepted to Revise Standard
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 to Revise Standard
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.	In Progress
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
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 to Revise Standard
CHL/44	24/07/2023	NR/L2/ELP/40045	Electrical Power	Points heating standard drawings	Points heating standard drawings to be aligned to the current track drawings.	Accepted to Revise Standard
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 Power	Testing of voltage proving devices	A simple specification for test cages added to the document with desirable geographical distances between test cages.	In Progress
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 to Revise Standard
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	In Progress
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	In Progress
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 to Revise Standard
CHL/53	14/09/2023	NR/L2/TRK/3011	Track	Stressing Rollers	Standard references both traditional under roller/side arm interval requirements and Vortex Stressing Roller intervals	Accepted to Revise Standard
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 to Revise Standard
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 to Revise Standard
CHL/58	16/10/2023	NR/L1/ELP/27000	Electrical Power	EP-53 - Tensioning Arrangements	Clause to be changed from Amber to Green	In Progress
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 to Revise Standard
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 to Revise Standard
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 renewals as defined by NR/L1/SIG/50021/04 item 3.4	In Progress
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.	In Progress
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.	Not Proceed - DECISION APPEALED

ID	Date Received	Standard Challenged	Primary Standards Steering Group	Subject	Simplified Summary of Challenge	Current Process Stage
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 to Revise Standard
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 an 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.	Not Proceed - DECISION APPEALED
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 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 Power	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.	In Progress
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 to Revise Standard
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	In Progress
CHL/75	14/03/2024	NR/L2/CIV/003	Buildings & Civils	Handrail	The handrail at the last step should protrude 300mm on the horizontal	Not Proceed
CHL/76	14/03/2024	NR/L3/CIV/151	Buildings & Civils	Handrail	The handrail at the last step should protrude 300mm on the horizontal	In Progress
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	In Progress
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	In Progress
CHL/79	28/03/2024	NR/L2/ELP/27238	Electrical Power	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.	In Progress
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.	In Progress
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 to Revise Standard
CHL/83	28/03/2024	NR/L2/OHS/00124	Health and Wellbeing	Inconsistency between 7.1 and 6.4 & 6.5.	Notes added to show employees can meet level with restrictions.	In Progress
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 to Revise Standard
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).	In Progress
CHL/86	24/04/2024	NR/SP/ELP/27242	Electrical Power	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.	In Progress
CHL/87	30/04/2024	NR/L1/ELP/27000	Electrical Power	Clause 4.7.3	It is proposed that this clause in this instance should be considered a green clause.	In Progress
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	In Progress
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 full height of the car doors	In Progress
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.	In Progress
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	In Progress
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".	In Progress
CHL/94	20/05/2024	NR/L2/ELP/27716	Electrical Power	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	In Progress
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	In Progress
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	In Progress
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	In Progress
CHL/99	10/06/2024	NR/L2/CIV/191	Buildings & Civils	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.	In Progress
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	In Progress