March 2024 ACS Rail Updates

Welcome to the **March 2024** edition of ACS Rail updates.

The following pages contain summaries of updates which may be relevant to you. Please brief and distribute this information to the relevant people as per your internal procedures.

The ACS Team

Content	Page
Free Access to Network Rail Standards	**2**
Changes to Network Rail Standards	**3**
The Network Rail Standards catalogue is currently unavailable but will be available again shortly.	3
Current Emergency Changes	5
Current Technical Instructions	6
RSSB - Standards and the rail industry	**7**
Railway Group Standards (RGSs)	7
Rule Book (GE/RT8000)	7
Rule Book App	7
GE/RM8000 Master Module Manual	7
Controlled Document List 02 March 2024	**8**
Network Rail Safety Central – Information Section	**20**
Code of Conduct	20
Network Rail Safety Bulletins	20
Lessons Learnt / Shared Learning	20
Health & Wellbeing	21
Risk Management	21
Resource Library	21
SCO 24:7 (Supply Chain – Operations) Telephone	21
Emergency	21
To report a crime	21
HSE Fatigue and Risk Index (FRI) Calculator	21
Useful Links	**22**
Other Bulletins	**24**
Track Safety Alliance	24
Southern Shield	24
Electrical Safety Step Up	24
Drugs and Alcohol standard (supplier page)	24
Miscellaneous	25
Safety 3-4-3 and Fleet 3-4-3	**39**

BRIEFING REQUIREMENTS:

NOTE: Contractors are responsible for arranging and undertaking and recording their own Safety and Awareness Briefings in accordance with their own processes and procedures.

Free Access to Network Rail Standards

Free access

to Network Rail's extensive catalogue of standards and controls documentation is now available via the Network Rail Standards Portal
https://standardse-networkrail.msappproxy.net/

New users, please register for access to the Network Rail Standards Portal by completing this registration form, so that your new log in account can be set up.

Please ensure that you use your individual company email address, and not a generic email address.

If you have any queries re the registration form or the Network Rail Standards portal, please email: STSupplierSupport@networkrail.co.uk

Changes to Network Rail Standards

Issue 131: 02nd March 2024 – 31st May 2024

The Network Rail Standards catalogue is currently unavailable but will be available again shortly.

Standards Change Overview – March 2024

Note: Entries in **RED** denote a standalone standard withdrawal.

Reference	Title	Issue	Compliance Date
NR/L2/ASR/036	Assurance Framework	7	01/06/2024
NR/L2/CIV/191	Mining Manual	4	02/06/2024
NR/L2/CIV/1000	Competence Management for Buildings and Civils Infrastructure	3	01/06/2024
NR/L2/ELP/21085	Earthing and Bonding on A.C. Electrified Railways	7	01/06/2024
NR/L2/ELP/27023	Conductor Rail Heating Standard	2	31/03/2024
NR/L2/ELP/CTM033	Competence and Training in OLE Electrical Safety	2	01/09/2025
NR/L3/ELP/27241	Fixed Plant Work Instructions	7	02/06/2024
NR/L3/ELP/27250	Conductor Rail Equipment – Design and Maintenance Working Instructions	8	01/06/2024
NR/L3/MTC/ME0300	Mobile Maintenance Train Operational Procedures	1	01/06/2024
NR/L3/MTC/MG0213	Index of Standard Maintenance Forms	21	01/06/2024
NR/L3/OPS/045 (Jan)	National Operating Procedures Index	31	06/04/2024
NR/L2/RMVP/0200	Infrastructure Plant Manual	13	01/06/2024
NR/L2/SIG/11774	Clamp Lock Handbook	6	01/06/2024
NR/L2/SIG/30009	Signalling Principles Handbook	28	01/06/2024
NR/L2/SIG/50019	Control of Signalling & Telecoms Keys from Network Rail	6	01/06/2024
NR/L2/SIG/50030	Management of ERTMS National Identities	2	01/06/2024
NR/GN/TRK/7001	Index of Track Work Information Sheets (TWI)	20	N/a
NR/L2/TRK/001	Inspection and Maintenance of Permanent Way	24	01/06/2024
NR/L2/TRK/042	Track Geometry Recording System Validation Requirements	2	07/12/2024
NR/L2/TRK/3204	Gauging Management	1	07/09/2024
NR/L2/TRK/3419	Lifting, Storing and Transporting Track Materials	2	07/12/2024
NR/L3/TRK/003	Index of Track Engineering Forms	46	01/06/2024
NR/L3/TRK/3230	Control of On-Track Machines (OTM)	4	02/03/2024
NR/L2/XNG/002	Level Crossing Manager Competence Framework	1	01/06/2024
NR/L2/XNG/30020	Level Crossings Design Handbook	4	01/04/2024
NR/L3/MTC/EP0184	The Removal And Reporting Of OLE Defects By The OCR Team	1	Withdrawal date: 01/01/2024
NR/L3/MTC/EP0185	OCR Incident Report	1	Withdrawal date: 01/01/2024
NR/L3/MTC/EP0189	Overhead Condition Renewals (OCR) – Allocation Design	1	Withdrawal date: 01/01/2024
NR/L3/MTC/EP0196	Management And Control Of Projects Delivered By The OCR Team	1	Withdrawal date: 01/01/2024
NR/L3/MTC/EP0232	OCR Team Materials Process	1	Withdrawal date: 01/01/2024
NR/L3/MTC/PL0095	Planning of Overhead Line Condition Renewals	2	Withdrawal date: 01/01/2024
NR/L2/TRK/3201	Management of Track Position and Tight Clearances (formerly NR/L3/MTC/TK0071)	3	Withdrawal date: 02/03/2024
NR/L2/TRK/3203	Structure Gauge Recording	1	Withdrawal date: 02/03/2024
NR/L2/TRK/9016	Assessment of Strength of Rails with Localised Head Loss in Tunnels	2	Withdrawal date: 02/03/2024
NR/L3/TRK/3201	Management Of Track Position And Tight Clearances	2	Withdrawal date: 02/03/2024

Standards Updates

Reference	Title	Issue	Compliance Date
RT/E/S/40017	Core Maintenance Specification for Powered Scrubber/Sweeper (and specimen form)	1	Withdrawal date: 02/03/2024

Standards Updates

Current Emergency Changes

To access any active Emergency Change you need to refer to its associated Network Rail Standard. ***The front page of the standard will provide details of the relevant change.*** When using the online service there will be an active link to each relevant change.

Reference	Title	Issue	Date
NR/BS/LI/502	Standard/control document affected: NR/L2/TEL/30072 (Issue 3), Specification for the maintenance of DOO(P) CCTV, guard-assisted CCTV and DOO mirror systems	1	21/11/2023
NR/BS/LI/500	Standard/control document affected: NR/L2/CTM/014 (Issue 2), Competence & Training in Overhead Line Engineering	1	13/12/2023
NR/BS/LI/499	Standard/control document affected: NR/L2/CIV/196 (Issue 1), Standard Specification for New and Upgraded Escalators	1	01/06/2023
NR/BS/LI/498	Standard/control document affected: NR/L1/RMVP/0001 (Issue 5), Plant and Traction & Rolling Stock Policy	1	02/05/2023
NR/BS/LI/496	Standard/control document affected: NR/L2/OHS/003 (Issue 9), Fatigue Risk Management and associated Modules – EXPIRES 28/02/2024	1	03/02/2023
~~NR/BS/LI/493~~	~~Standard/control document affected: NR/L3/OPS/045/3.32 – Temporary Block Working (TBS) & Emergency Special Working (ESW)~~ – EXPIRED: 30/10/2023	~~1~~	~~20/10/2022~~
NR/BS/LI/490	Standard/control document affected: NR/L3/ELP/27720 Test Before Touch for Overhead Line Equipment	1	30/09/2022
~~NR/BS/LI/488~~	~~Standard/control document affected: NR/L2/CTM/014 (Issue 2), Competence & Training in Overhead Line Engineering~~ – HISTORIC: 13/12/2023	~~1~~	~~30/09/2022~~
NR/BS/LI/472	Standard/control document affected: NR/L2/CIV/196 (Issue 1), Standard Specification for New and Upgraded Escalators	1	
NR/BS/LI/440	Standard/control document affected: NR/L2/TRK/001 (Issue 15), Inspection and Maintenance of Permanent Way	1	25/03/2020
NR/BS/LI/383	Standard affected: NR/L2/CTM/021 (Issue 4). Competence and Training	2	08/12/2016
NR/BS/LI/371	Standard affected: NR/L2/CIV/162 (Issue 2). Platform Extensions. Location of metal structures on Third Rail area Station Platforms	1	02/03/2016
~~NR/BS/LI/305~~	~~Standards Affected: NR/L2/TRK/001 Issue 6. NR/L2/TRK/2102 Issue 6. NR/L2/TRK/3038 Issue 5. NR/L2/TRK/0032 Issue 5.NR/L2/TRK/0132 Issue 6. NR/L3/TRK/3510/A01 Issue 1. NR/L3/TRK/3510/B01 Issue 1.NR/L3/TRK/1015 Issue 2~~ – HISTORIC 13/12/2023	~~2~~	~~31/01/2014~~
NR/BS/LI/292	NR/L3/TRK/1010 (Issue 2). Management of responses to extreme weather conditions at structures. earthworks and other key locations	1	18/07/2013
NR/BS/LI/256	Standard affected: NR/SP/ELP/27243 (Issue 1). Specification for Signalling Power Supplies	2	24/10/2016
NR/BS/LI/163	Standard affected: RT/CE/S/130 (Issue 1). Flash-Welded Rails: Site Welded Strings	2	01/10/2010
NR/BS/LI/154	Use Of The Geismar THR542 Lightweight Stressing Equipment In Tandem. Standard affected: NR/L2/TRK/3011 (Issue 6)	1	18/01/2010
NR/BS/LI/101	Standard affected: RT/CE/S/077 Storage. Installation &Testing of TSR &ESR AWS	1	08/09/2008
NR/BS/LI/060	Traction electrical distribution sites with compromised earthing due to theft of cables - affected standard NR/SP/ELP/21032	1	23/11/2006
NR/BS/LI/047 - E&P	Bimold Connections on Rectifier Transformers at DC Traction Substations	1	05/052006
NR/BS/LI/032	Labelling of Track Isolating Switches (T.I.S)	1	17/10/2005
NR/BS/LI/028	Segregation of D.C. Track Feed Cables	1	22/08/2005

Current Technical Instructions

Reference	Title	Issue	Date
TI 000	Index of Technical Instructions Contained in NR/L2/SIG/11120	36	03/09/2022
TI 022	Robust Train Protection: Replacement OSS positioning rules	4	07/04/2019
TI 059	Low Voltage DC Track Circuits & Electric Point Heating	1	03/03/2007
TI 062	DC Track Circuits: Abutting Low-&Medium-Voltage Types	1	01/04/2007
TI 101	Signalling Circuits Carried Over Telecom Transmission Systems - Impact on Train Describer Specifications	2	10/12/2008
TI 149	Intelligent Infrastructure Data Logger – Design, Install and Commission	2	09/06/2011
TI 157	SSP 50 – Remote Control Standby Arrangements GK/RT0025 (GK/GN0525) - Signalling Control Centres	1	24/02/2011
TI 171	Supplementary Point Detection – Recording and Testing	1	10/08/2012
TI 178	Standard/Control document affected: NR/L2/CTM/012 (Issue 3), [Competence and Training in Signal Engineering & NR/L2/CTM/012/044 (Issue 1), [Competence and Training in Signal Engineering SMTH]	2	15/03/2022
TI 181 & TI 181 Appendix	Standard/control document affected: NR/L3/SIG/11231 (Issue 18), Signal Maintenance Testing Handbook, NR/SMTH/Part05, Part08 and Part09; NR/L3/SIG/10663 (Issue 16), Signal Maintenance Specifications, NR/SMS/Part/Z/Z01	1	09/03/2023
TI 182	Standard/control document affected: NR/L3/SIG/10663 (Issue 16), Signal Maintenance Specifications NR/SMS/Part C NR/L2/SIG/30014 (Issue 21), Signal Works Testing Handbook NR/L2/SIG/30014/D115, NR/GN/SIG/19047 (Issue 3), SIGTAN047 - Points (General)	3	16/11/2023
TI 184	Standard/control document affected: NR/L2/SIG/11201 Module X39 (Issue 2); NR/L3/SIG/10661 (Issue 23); NR/L3/SIG/10663 (Issue 16); NR/SMS/PARTC/LC71 (Issue 4)	1	04/09/2023

RSSB - Standards and the rail industry

Access all current (and many withdrawn) Railway Group Standards, Rail Industry Approved Codes of Practice (RACOPs), Guidance Notes (GNs) and Rail Industry Standards (RISs).

http://www.rssb.co.uk/railway-group-standards

Useful links:

- Catalogues
- Latest Updates to Standards
- Using Standards
- Finding and staying up-to-date with standards

Railway Group Standards (RGSs)
Mandatory requirements for the GB mainline railway system are defined in Railway Group Standards (RGSs). They facilitate the management and operation of the mainline railway as a shared system. RGSs set out technical requirements applicable to vehicles or the infrastructure, or processes applicable to transport operators.

Standards Catalogue http://www.rssb.co.uk/railway-group-standards

Rule Book (GE/RT8000)

The Rule Book (GE/RT8000) and other National Operations Publications are documents that contain direct instructions for railway staff.

The Rule Book is held in printed copy by over 100,000 people, and as such is probably the best known and most widely distributed in the entire RSSB catalogue. Even greater numbers of people are known to use it as a reference and information document both from the United Kingdom and abroad using the online version.

You can still order hard copies of individual standards and Rule Book modules or handbooks from Willsons External link (Tel: 01636 702334) or download them from the Railway Group Standards section of this site.

Rule Book App
Get 24/7 access to the Rule Book via your phone, tablet, desktop or laptop with the Rule Book App. It's easy to use, search, personalise and update, and you can acknowledge amendments with one touch. Find out more on our dedicated Rule Book App page.

Rule Book Briefing Leaflet

GERT8000-RBBL Iss 39.1	Each issue of the Rule Book Briefing Leaflet contains a summary of the changes being introduced to GERT8000.

GE/RM8000 Master Module Manual
RSSB has produced this manual to provide end-users with access to the content of GE/RT8000 (The Rule Book) that is relevant to all roles as defined in the Rule Book Matrix published by RSSB:

Rule Book Module Matrix: https://www.rssb.co.uk/-/media/Project/RSSB/RssbWebsite/Documents/Public/Public-content/Using-Standards/Rule-Book-Module-Matrix.xls

GERM8000-master-module Iss 13.1

Controlled Document List 02 March 2024

Key

StdNo	Current standard
Stdno	New Standard
StdNo	Live standard pending withdrawal
StdNo	Superseded/Withdrawn

RAIL MANAGEMENT SYSTEM		
Ref. / Title	**Issue No**	**Issue Date**
Rail Management System		

GROUP STANDARDS Website: http://www.rssb.co.uk/railway-group-standards		
Ref. / Title	**Issue No**	**Issue Date**
Modular Rulebook GE/RT8000/ (See separate page for listed modules and issue dates)	------	------
GERM8000 Possession Workers Manual	9	11/2023
GERM8000 Track Workers Manual	12	09/2023
GERM8000-master-module Master Manual	13.1	11/2023
GEGN8575 Guidance Note on the Management of Electrical Risk Related to Operational Tasks on Electrified Lines	1	12/2021
GEGN8613 Application of human factors within safety management systems	1	03/2021
GLRT1210 AC Energy Subsystem and Interfaces to Rolling Stock Subsystem	3	12/2022
GLRT1212 DC Conductor Rail Energy Subsystem and Interfaces to Rolling Stock Subsystem	1	09/2015
GOGN3655 Guidance on Medical Fitness for Railway Safety Critical Workers	2	06/2014
GOGN3616 Guidance on Operational Railway Safety Awareness	1	06/2023
RIS-1530-PLT Rail Industry Standard - On-Track Plant, Trolleys and Associated Equipment	7	09/2023
RIS-1530-PLT Rail Industry Standard - On-Track Plant, Trolleys and Associated Equipment	7.1	03/2024
RIS-2750-RST Supplier Assurance	1.1	12/2021
RIS-3118-TOM Incident Response Planning & Management	2	12/2019
RIS-3119-TOM Accident and Incident Investigation	3	03/2022
RIS-3279-TOM High Visibility Clothing	2	09/2019
RIS-3701-TOM Confidential Reporting System for Rail Staff	2.1	12/2019
RIS-8046-TOM Spoken Safety Critical Communications	2	12/2016
RIS-8047-TOM Reporting of Safety Related Information	2	03/2018
RIS-8070-TOM Drugs and alcohol testing for safety-critical workers	2	03/2022

LONDON UNDERGROUND (LU) STANDARDS		
Ref. / Title	**Issue No**	**Issue Date**
LUL G1163 Stations DLO - Failure Reporting Analysis & Corrective Action System (FRACAS)	A2	11/2015
LUL G1164 Making a Referral to the Drug and Alcohol Advisory and Treatment Service DAATS	A3	09/2019
LUL G1234 Incident recording, investigation and reporting	A5	05/2021
LUL G1241 Alcohol and Drugs at Work Guidelines and Information For Managers	6	07/2009
LUL G1242 Alcohol and Drugs at Work – Managers For Cause and Post Incident Check List	A4	04/2020
LUL G1249 Environmental Incident Categories	A5	07/2018
LUL G2020 Wuhan novel coronavirus	A1	01/2020
LUL G557 Electronic Incident Reporting Form (eIRF)	A5	03/2014
LUL LF29 Incident investigation & reporting or recording What you need to remember	01	n/a
LUL R0350 Guidance and advice for the use of personal protective equipment	A1	01/2014
LUL R0403 Personal Protective Equipment (PPE) catalogue	1.1	01/2014
LUL S1053 Civil Engineering – Building and Station Structures	A15	01/2023

LONDON UNDERGROUND (LU) STANDARDS		
Ref. / Title	**Issue No**	**Issue Date**
LUL S1061 Civil Engineering – Bridges and Structures Assessment	**A7**	**01/2023**
LUL S1251 Alcohol and Work; includes Written Notice 12/24/2014, 6/16/2015	**A2**	**11/2011**
LUL S1257 Drugs and Work; Includes Written Notice 01317: 12/24/2014	**A2**	**11/2011**
LUL S1538 Assurance	**A17**	**08/2022**
LUL S1548 Safety Critical Work	**A7**	**09/2021**
LUL S1552 Contract QUENSH Conditions Incorporating written notice: 05/10/2017, 05/02/2019, 16/03/2022	**A18**	**11/2016**
LUL S1601 Management Arrangements to Assure Medical Fitness	**A6**	**12/2022**
LUL S1602 Corporate Medical Standard for Personnel Requiring Safety on the Track Certification	**A12**	**11/2022**
LUL S1603 Audiometric standard for personnel requiring safety on the track certification	**A8**	**10/2022**
LUL S1604 Vision standard for personnel requiring safety on the Track Certification	**A10**	**12/2022**
LUL S1605 Providers of Medical Assessment for Track Certification and other Safety Critical Certification Purposes	**A5**	**10/2022**
LUL S1801 Competence requirements for undertaking Civil Engineering Safety Critical Work	**A2**	**03/2022**

NETWORK RAIL STANDARDS		
Ref. / Title	**Issue No**	**Issue Date**
NR/CAT/STP/001 Catalogue of Network Rail Standards	**130**	**12/2023**
PTS Handbook RT 3170	**10**	**11/2020**
NR/L2/AMG/1030 Working Safely in the Vicinity of Buried Services	**1**	**12/2008**
NR/GN/CIV/003 Guidance on Engineering and Architectural Assurance of Building and Civil Engineering Works	**2**	**12/2023**
NR/GN/CIV/065 Examination of Earthworks Guidance Manual	**2**	**09/2022**
NR/GN/CIV/208 Ground Investigation	**1**	**12/2018**
NR/L1/CIV/601 Managing the Highways Interface	**1**	**12/2021**
NR/L2/CIV/003 Engineering and Architectural Assurance of Building and Civil Engineering Works	**8**	**12/2023**
NR/L2/CIV/032 The Management of Structures Manual	**1**	**12/2021**
NR/L2/CIV/035 Management of Structures	**2**	**06/2019**
NR/L2/CIV/039 Assessment and Certification of Protective Coatings Replaces: **NR/L3/CIV/039 Issue 5**	**1**	**06/2023**
NR/L2/CIV/076 Management of Bridge Strikes Replaces NR/L3/CIV/076 Issue 4 and NR/L3/CIV/176 Issue 4	**1**	**03/2023**
NR/L2/CIV/086 Management of Earthworks	**11**	**12/2021**
NR/L2/CIV/1000 Competence Management for Buildings and Civils Infrastructure	**1**	**09/2023**
NR/L2/CIV/1000 Competence Management for Buildings and Civils Infrastructure	**3**	**03/2024**
NR/L2/CIV/171 Examinations, Inspections and Assessments of Buildings & Architecture Assets: Structures and Fabric	**3**	**09/2022**
NR/L2/CIV/250 Landlord's Consent	**1**	**03/2020**
NR/L2/CIV/295 Scour Assessment of Bridges, Culverts and Retaining Walls	**3**	**09/2023**
NR/L2/CIV/602 Highways Interface Planning Process	**1**	**12/2021**
NR/L2/CIV/1000 Competence Management for Buildings and Civils Infrastructure	**2**	**09/2023**
NR/L3/CIV/0001 Management of Road Vehicle Incursions (RVI)	**3**	**12/2022**
NR/L3/CIV/006 Structures, Tunnels and Occupational Property Examinations	**11**	**03/2023**
NR/L3/CIV/0063 Pilling, Drilling, Crane, MEWP and SMPT operations adjacent to the Railway	**1**	**12/2021**
NR/L3/CIV/040 Work Instruction for the use of Protective Coating Systems	**3**	**06/2023**
NR/L3/CIV/170 Assessment of Tunnels	**2**	**12/2021**

NETWORK RAIL STANDARDS		
Ref. / Title	**Issue No**	**Issue Date**
NR/L3/CIV/185 Reporting and Investigation of Geotechnical Incidents	**5**	**12/2023**
NR/L3/CIV/190 Developing Extreme Weather Plans	**1**	**12/2017**
NR/L3/CIV/603 Working at the Highways Interface	**1**	**12/2021**
NR/L3/CIV/604 Highways Interface Manual	**1**	**12/2021**
NR/GN/CPR/401 Guidance on Contractual Health and Safety Requirements	**1**	**12/2008**
NR/L2/CPR/201 Supplier Qualification	**2**	**12/2011**
NR/L2/CPR/302 Supplier Qualification - Core Requirements (**For PCL / POL Holders)**	**2**	**09/2011**
NR/L2/CSG/STP001 Standards and Controls Management Manual	**8**	**06/2020**
NR/CS/CTM/001 Competence Management	**1**	**12/2006**
NR/L2/CTM/017 Competence and Training in Civil Engineering	**1**	**06/2006**
NR/L2/CTM/021 Competence & Training in Track Safety	**4**	**12/2010**
NR/L2/CTM/025 Competence & Training in On-Track Plant Operation & Activities	**2**	**03/2021**
NR/L2/CTM/201 Competence Management	**2**	**03/2012**
NR/L2/CTM/202 Quality Assurance in Training & Assessment	**3**	**12/2019**
NR/L2/CTM/209 Competence & Training in Safe System of Work Planner	**1**	**12/2010**
NR/L2/CTM/220 Competence & Training in Portable, Transportable & Mobile Plant (PTMP) Operation & Activities	**2**	**06/2021**
NR/L2/CTM/223 Competence & Training in Managing Site Safety	**1**	**06/2011**
NR/L3/CTM/306 Skills Assessment Scheme	**3**	**12/2023**
NR/L2/ELP/21085 Earthing and Bonding on A.C. Electrified Railways	**6**	**09/2022**
NR/L2/ELP/21085 Earthing and Bonding on A.C. Electrified Railways	**7**	**03/2024**
NR/L2/ELP/21087 Specification of Maintenance Frequency and Defect Prioritisation of Overhead Line Electrification Equipment	**11**	**12/2023**
NR/L2/ELP/21088 General Maintenance Parameters for Overhead Line Electrification Equipment	**4**	**06/2021**
NR/L2/ELP/21090 OLE Seasonal Preparation Response for Extreme Weather	**1**	**12/2020**
NR/L2/ELP/21131 Warning and Other Signs for A.C. and D.C. Electrified Lines	**4**	**03/2023**
NR/L2/ELP/23002 Specification for High Voltage AC Cables, AC Traction Earthing and Bonding Cables DC Traction Cables, Pilot Cables and Associated Accessories	**1**	**12/2020**
NR/L2/ELP/27009 Overhead Line Equipment Campaign Changes	**3**	**03/2017**
NR/L2/ELP/27023 Conductor Rail Heating Standard	**1**	**12/2020**
NR/L2/ELP/27023 Conductor Rail Heating Standard	**2**	**03/2024**
NR/L2/ELP/27172 Conductor Rail Guard Boarding	**1**	**06/2021**
NR/L2/ELP/27307 Management of M&EE Safety Related Event Reports	**4**	**12/2017**
NR/L2/ELP/27402 Specification for protection and control devices for electrical systems	**1**	**12/2009**
NR/L2/ELP/27715 Overhead Contact System Design Specification	**4**	**12/2023**
NR/L2/ELP/27716 Electrical and Mechanical Clearances On Overhead Electrified Railways	**1**	**12/2023**
NR/L2/ELP/27717 Bridge Parapet Electrical Risk Assessment	**1**	**03/2023**
NR/L2/ELP/27722 Protection Principles for A.C. Electrified Railways	**1**	**03/2023**
NR/L2/ELP/27800 Specification for 25 kV a.c. Earthing Pantographs and Interface with Vehicle (On Track Plant or Road Rail Vehicles)	**1**	**12/2020**
NR/L2/ELP/CTM033 Competence and training in OLE electrical safety	**1**	**09/2023**
NR/L2/ELP/CTM033 Competence and Training in OLE Electrical Safety	**2**	**03/2024**

NETWORK RAIL STANDARDS		
Ref. / Title	**Issue No**	**Issue Date**
NR/L3/ELP/21067 Instructions for making out, issuing and cancelling high voltage Permits to Work, Sanctions for Test and Circuit State Certificates	**7**	**12/2023**
NR/L3/ELP/22001 Procedures and Competence Requirements for Persons Undertaking Works Near High Voltage Cables and Cable Routes	**2**	**06/2022**
NR/L3/ELP/27051 Working Instructions for d.c. Electrified Lines in the Liverpool Area	**6**	**09/2019**
NR/L3/ELP/27052 Working Instructions for D.C. Electrified Lines on the Northern City Line	**8**	**03/2023**
NR/L3/ELP/27115 Arrangements for Isolation of the Conductor Rail for Pre-Planned Possessions of the Line	**4**	**09/2018**
NR/L3/ELP/27140 Application of Short Circuits for Conductor Rail Isolations	**4**	**03/2019**
NR/L3/ELP/27171 Electrical Insulating Gloves - **Replaces NR/WI/ELP/27171**	**3**	**06/2021**
NR/L3/ELP/27237 Overhead Line Work Instructions	**25**	**12/2023**
NR/L3/ELP/27250 Conductor Rail Equipment Design and Maintenance Working Instructions Replaces: • NR/L3/ELP/27250 Issue 6 • NR/SP/ELP/21104 Issue 2 • NR/GN/ELP/27019 Issue 2 • NR/GN/ELP/27020 Issue 2 • NR/SP/ELP/27021 Issue 2 • NR/GN/ELP/27022 Issue 2 • NR/SP/ELP/27192 Issue 2	**7**	**06/2023**
NR/L3/ELP/27250 Conductor Rail Equipment – Design and Maintenance Working Instructions	**8**	**03/2024**
NR/L3/ELP/27720 Test Before Touch for Overhead Line Equipment	**1**	**09/2022**
NR/L3/ELP/29987 Working on or About 25 KV AC Electrified Lines	**9**	**06/2023**
NR/L3/ELP/3091 DC Electrified Lines Working Instructions	**5**	**09/2019**
NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI) (For Early Deployment in North West and Anglia Routes)	**2**	**06/2023**
NR/L2/ENV/015 Environment and Social Minimum Requirements for Projects – Design and Construction	**9**	**06/2021**
NR/L2/ENV/115 Environment and Social Management System Requirements	**1**	**03/2018**
NR/L2/ENV/120 Waste Management	**2**	**06/2023**
NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration	**1**	**12/2019**
NR/L2/ENV/122 Biodiversity	**2**	**03/2023**
NR/L2/ENV/123 Prevention of Pollution to Land and Water	**1**	**12/2019**
NR/L2/INF/02202 Records Management of Health and Safety Files	**7**	**06/2023**
NR/L3/INF/02226 Corporate Records Retention Schedule	**3**	**12/2017**
NR/GN/INI/001 Guidance on the Management of Door to Door Work & Travel Time	**1**	**12/2008**
NR/L2/INI/EDT/CP0091 Specification for Computer Aided Design	**4**	**12/2018**
NR/L3/INI/CP0028 Contract Requirements - Quality	**3**	**06/2012**
NR/L3/INI/CP0036 Provision of Welfare Facilities	**4**	**08/2008**
NR/L3/INV/3001 Reporting and Investigation Manual	**7**	**09/2021**
NR/L2/MTC/089 Arrangements for the exchange of asset data and the continuing maintenance of assets undergoing change	**3**	**12/2023**
NR/L3/MTC/CP009 COVID-19 Contingency Plan: Safe Working Practices	**11**	**03/2022**
NR/L3/MTC/EN0100 Waste Management	**3**	**06/2012**
NR/L3/MTC/EN0101 Management of Discharges to Sewers & Controlled Waters	**3**	**06/2012**
NR/L3/MTC/EN0225 Environ Management System for Infrastructure Maintenance	**1**	**06/2012**
NR/L3/MTC/EP0152 Working on or Adjacent to Conductor Rail	**5**	**12/2011**
NR/L3/MTC/MG0173 Monitoring of Spoken Safety Communications	**4**	**09/2022**

NETWORK RAIL STANDARDS		
Ref. / Title	**Issue No**	**Issue Date**
NR/L3/MTC/MG0210 Management of Maintenance Work within a Worksite to Prevent a Possession Overrun	**3**	**06/2019**
NR/L3/MTC/MG0213 Index of Standard Maintenance Forms	**20**	**12/2023**
NR/L3/MTC/MG0213 Index of Standard Maintenance Forms	**21**	**03/2024**
NR/L3/MTC/RCS0216 Task Risk Control Manual	**28**	**12/2023**
NR/L3/MTC/RCS0216/OLE02 Risk Control Manual: Working on Red Bonds/Impedance Bonds	**2**	**03/2012**
NR/L3/MTC/SE0115 Confined Spaces Working & Entry Procedure	**2**	**06/2008**
NR/L3/MTC/SE0117 Planned Assurance Inspections and Site Surveillance	**5**	**12/2023**
NR/L3/MTC/SE0220 Planning and Delivering Safe Working at Height	**2**	**09/2020**
NR/CS/OHS/002 Policy on Working Safely	**1**	**02/2007**
NR/GN/OHS/00155 Short-term Changes in the Creation and Application of Safe Work Packs and Briefing Arrangements COVID-19 Contingency Plan (Guidance for Regions on NR/L2/OHS/019)	**1**	**06/2020**
NR/L1/OHS/052 Traumatic Incident Management	**1**	**06/2016**
NR/L2/OHS/00102 Work Activity Risk Assessments	**6**	**12/2023**
NR/L2/OHS/00110 First Aid at Work	**6**	**09/2017**
NR/L2/OHS/00112 Worksafe Procedure	**3**	**09/2020**
NR/L2/OHS/00113 Health surveillance and management of diagnoses for Hand-arm Vibration Syndrome (HAV)	**5**	**03/2016**
NR/L2/OHS/00120 Drugs, Alcohol and Substance Misuse in the Workplace	**7**	**03/2023**
NR/L2/OHS/00124 Competence Specific Medical Fitness Requirements and Occupational Health Provider Requirements for Medical Assessments	**3**	**12/2016**
NR/L2/OHS/00130 Creating a Site of Work Segregated from the Railway	**2**	**06/2023**
NR/L2/OHS/003 Fatigue Risk Management	**9**	**12/2019**
NR/L2/OHS/0044 Planning and Managing Construction Work replaces NR/L3/INI/CP0044 Work Package Planning	**5**	**12/2016**
NR/L2/OHS/0047 Managing Health and Safety in Construction (Application of the Construction (Design and Management) Regulations to Network Rail)	**7**	**06/2019**
NR/L2/OHS/019 Safety of People working on or near the Line	**12**	**06/2023**
NR/L2/OHS/020 Track Visitor Permits	**5**	**08/2008**
NR/L2/OHS/021 Personal Protective Equipment (PPE)	**5**	**06/2023**
NR/L2/OHS/022 Working Safely at Height	**2**	**03/2020**
NR/L2/OHS/032 Training, Competence and Assessment in Accident and Incident Investigation	**3**	**09/2021**
NR/L2/OHS/050 Application of the Sentinel Scheme Rules	**5**	**09/2023**
NR/L2/OHS/053 Assessing Risk of Stress in the Workplace	**3**	**03/2022**
NR/L2/OHS/157 Health surveillance for silica and asbestos and the management of diagnosed occupational respiratory conditions	**1**	**03/2017**
NR/L2/OHS/501 Trackworker Protection and Warning Systems	**7**	**03/2023**
NR/L2/OHS/CP0070 Principal Contractor Licensing Assurance (aka NR/L2/INI/CP0070)	**6**	**12/2022**
NR/L3/OHS/0046 The Reporting, Investigation and Recording of Safety and Sustainable Development Events and Close Calls within Infrastructure Projects	**3**	**06/2018**
NR/L3/OHS/005 Design and Construction Management in a High Street Environment	**4**	**09/2023**
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.	**3**	**06/2019**
NR/L2/OPS/207 Training and Competence in Engineering Access Planning (formerly NR/L2/CTM/207 – Competence and Training in Planning)	**1**	**03/2023**
NR/L2/OPS/291 Railway Crime Risk Management	**1**	**12/2019**
NR/L3/OPS/0064 Delivering Work within Possessions – **Replaces NR/L3/INI/CP0064**	**6**	**06/2021**

NETWORK RAIL STANDARDS		
Ref. / Title	**Issue No**	**Issue Date**
NR/L3/OPS/084 Line Clear Arrangements Following Engineering Works in Axle Counter Areas – Line Clear Verification Process	**6**	**12/2021**
NR/L3/OPS/251 Unmanned Aircraft System (Drone/UAS) Operations	**4**	**09/2021**
NR/OPS/DEV/009 Network Rail: Good Practice Guide for Working at Operational Locations (Signal Boxes, Electrical Control Rooms, Controls) During COVID 19	**2**	**06/2020**
NR/GN/OTK/5000 Index of Off-Track Drawings	**3**	**12/2021**
NR/L2/OTK/5201 Lineside Vegetation Management Manual	**5**	**12/2020**
NR/GN/RMVP/0200 Infrastructure Plant Manual Guidance	**2**	**06/2022**
NR/L2/RMVP/0200 Infrastructure Plant Manual	**12**	**12/2023**
NR/L2/RMVP/0200 Infrastructure Plant Manual	**13**	**03/2024**
NR/L3/RMVP/0201 Calibration Work Instruction Manual Replaces NR/L3/MTC/ME0201 This standard provides the index and version control of Calibration Work Instructions for the internal calibration and comparison checking of Inspection, Measuring and Test Equipment (IMTE).	**2**	**09/2011**
NR/L3/RMVP/27702 Plant Product Acceptance Process	**1**	**12/2023**
NR/L2/RSE/0005 Product Design for Reliability	**5**	**12/2020**
NR/L2/RSE/02009 Engineering Management for Projects	**8**	**03/2023**
NR/L2/RSE/070 Engineering Verification	**3**	**03/2022**
NR/L2/RSE/100 Network Rail Acceptance Panel processes	**7**	**12/2021**
NR/L2/RSE/CONM/001 Construction Management for Projects	**2**	**12/2023**
NR/L1/RSK/001 Network Rail Risk Policy	**3**	**09/2019**
NR/L2/SCO/302 Supplier Qualification Requirements	**1**	**06/2020**
NR/L2/SCO/310 Control of Movements in Depots, Yards and Associated Depot Sidings (Methods of Work)	**1**	**12/2022**
NR/L3/SCO/313 On-Track Machines (OTMs) Driver and Operations Standards Manual	**13**	**09/2023**
NR/L3/SCO/314 Engineering Assurance for T&RS, OTM and OTP Projects	**3**	**06/2023**
NR/L3/SCO/320 Supplier Quality Assurance (SQA)	**2**	**09/2020**
NR/L1/SCT/001 Security Management System (SeMS)	**1**	**09/2023**
NR/L1/SCT/002 Cyber Security and Resilience for Digital Systems Replaces NR/L1/INF/02232 Issue 2	**1**	**03/2023**
NR/SIN/185 Identification and Inspection of Plain-Lined S&C	**1**	**06/2019**
NR/L2/SIG/10160 Specification for Application of the IRSE Licensing Scheme	**3**	**12/2020**
NR/L2/SIG/11201 Signalling Design Handbook	**18**	**12/2023**
NR/L2/SIG/14201 Signalling Risk Assessment Handbook	**5**	**12/2020**
NR/L2/SIG/30009 Signalling Principles Handbook	**27**	**12/2023**
NR/L2/SIG/30009 Signalling Principles Handbook	**28**	**03/2024**
NR/L2/SIG/30014 Signalling Works Testing Handbook	**22**	**06/2023**
NR/L2/SIG/50035 Competence Standard - Competence and Training in Signal and Level Crossing Engineering	**7**	**12/2023**
NR/L2/SIG/50040 Temporary Speed Restrictions replaces **NR/L3/SIG/MG0110**	**1**	**12/2021**
NR/L2/SIG/50050 Topographic, engineering, land and measured building surveying – Signalling	**1**	**09/2023**

NETWORK RAIL STANDARDS		
Ref. / Title	**Issue No**	**Issue Date**
NR/L3/SIG/10064 General Instructions to Staff Working on S&T Equipment	**11**	**06/2022**
NR/L3/SIG/10661 Signal Maintenance Task Intervals	**25**	**12/2023**
NR/L3/SIG/10663 Signal Maintenance Specifications	**17**	**12/2023**
NR/L3/SIG/10665 Reliability Centred Maintenance of Signalling Equipment	**23**	**06/2023**
NR/L3/SIG/11231 Signal Maintenance Testing Handbook	**19**	**12/2023**
NR/L3/SIG/11235 Signal Intermediate Testing Handbook	**2**	**03/2023**
NR/L3/SIGELP/50000 Safe Working and Maintenance on or near Signalling Power Distribution Equipment above 175 V AC	**5**	**12/2023**
NR/L3/SIGELP/50001 Work Instruction: Signalling Power Distribution Equipment above 175 V AC	**6**	**12/2023**
NR/L3/SIGELP/50002 Safe Working Practices When Working on or Near Signalling Power Distribution Equipment Above 175 Volts	**1**	**12/2016**
NR/L3/SIGELP/50003 Safe Working Practices When Working on or Near Signalling Equipment	**1**	**03/2018**
NR/L2/TEL/30067 The Transmission of Safety Related Information	**2**	**12/2011**
NR/L2/TEL/30156 Functional Requirements for Safety Related Communications Equipment for On Track Plant Working	**1**	**12/2011**
NR/L3/TEL/30181 Telecoms Maintenance Work Instructions Handbook	**10**	**12/2023**
NR/GN/TRK/7001 Index of Track Work Information Sheets (TWI)	**19**	**09/2023**
NR/GN/TRK/7001 Index of Track Work Information Sheets (TWI)	**20**	**03/2024**
NR/L1/TRK/100 Management of Track Assets	**1**	**03/2020**
NR/L2/TRK/001 Inspection and Maintenance of Permanent Way	**23**	**06/2023**
NR/L2/TRK/001 Inspection and Maintenance of Permanent Way	**24**	**03/2024**
NR/L2/TRK/1054 Inspection and Maintenance Procedures for Crossings in Track	**6**	**09/2022**
NR/L2/TRK/3038 Longitudinal Bearer Systems Inspection, Maintenance and Design	**8**	**12/2023**
NR/L2/TRK/3415 Refurbishment of Switches and Crossings	**3**	**03/2023**
NR/L2/TRK/4239 Track Bed Investigation, Design and Installation	**3**	**12/2023**
NR/L2/TRK/6100 The Installation and Maintenance of Stretcher Bars	**6**	**06/2023**
NR/L2/TRK/7014 Standardised Risk Based Maintenance Regime (RBM) for the Inspection and Maintenance of the Permanent Way	**2**	**03/2022**
NR/L3/TRK/003 Index of Track Engineering Forms	**45**	**12/2023**
NR/L3/TRK/003 Index of Track Engineering Forms	**46**	**03/2024**
NR/L3/TRK/1015 Management of Basic Visual Inspection	**8**	**03/2023**
NR/L3/TRK/1020 Track Hand Back for Projects: Confirming Track Is Safe for Opening at the Selected Line Speed After Projects Engineering Work – Replaces • NR/L3/TRK/1017 Issue 1	**1**	**12/2022**
NR/L3/TRK/3230 Control of On-Track Machines (OTM)	**3**	**09/2023**
NR/L3/TRK/3230 Control of On-Track Machines (OTM)	**4**	**03/2024**
NR/L3/TRK/3530 Track Lubricants	**1**	**06/2012**
NR/L3/TRK/7006 Creation and Application of an Emergency Speed Restriction (ESR) Design	**3**	**09/2022**
NR/L3/TRK/7013 Planning and Installation of Temporary Rail Joints	**1**	**09/2021**
NR/SP/TRK/1110 Qualification and Certification of Non-Destructive Testing Personnel	**2**	**06/2023**

OTHER STANDARDS & GUIDANCE	
Ref. / Title	**Reference**
BS EN ISO 14001:2015	2015
BS EN ISO 9001:2015	2015
BS EN ISO 45001:2018	2018
Investigating Accidents and Incidents – HS(G)245	ISBN 9780717628278
Management of Health and Safety at Work Regulations 1999 Approved Code of Practice and guidance	ISBN 9780717624881
Managing health and safety in construction Construction (Design and Management) Regulations 2015. Guidance on Regulations	ISBN 9780717666263
Successful Health and Safety Management – HS(G)65	ISBN 9780717612765
Sentinel Scheme Rules https://info.railsentinel.co.uk/about/rules/	V4 26 March 2020 Compliance Date 26 March 2020
RTAS Rules QA Reference – National Skills Academy for Rail (nsar.co.uk)	V2.1 Effective 1 August 2022

LEGISLATION	
Ref. / Title	**Reference**
Bribery Act 2010	2010 c. 23
Control of Asbestos at Work Regulations 2002	2002 No. 2675
Control of Pollution (Amendment) Act 1989	1989 c. 14
Control of Pollution Act 1974	1974 c. 40
Corporate Manslaughter and Corporate Homicide Act 2007	2007 c. 19
Data Protection Act 2018	2018 c. 12
Environmental Protection Act 1990	1990 c. 43
European Union (Future Relationship) Act 2020	2020 c. 29
Health & Safety at Work etc. Act 1974	1974 c. 37
Modern Slavery Act 2015	2015 c. 30
Pollution Prevention and Control Act 1999	1999 c. 24
The Confined Spaces Regulations 1997	1997 No. 1713
The Construction (Design and Management) Regulations 2015	2015 No. 51
The Control of Asbestos at Work (Amendment) Regulations 1992	1992 No. 3068
The Control of Asbestos at Work (Amendment) Regulations 1998	1998 No. 3235
The Control of Asbestos at Work Regulations 1987	1987 No. 2115
The Control of Asbestos in the Air Regulations 1990	1990 No. 556
The Control of Asbestos Regulations 2006	2006 No. 2739
The Control of Asbestos Regulations 2012	2012 No. 632
The Control of Lead at Work Regulations 1980	1980 No. 1248
The Control of Lead at Work Regulations 1998	1998 No. 543
The Control of Lead at Work Regulations 2002	2002 No. 2676
The Control of Noise at Work Regulations 2005	2005 No. 1643
The Control of Substances Hazardous to Health (Amendment) Regulations 2004	2004 No. 3386
The Control of Substances Hazardous to Health Regulations 2002	2002 No. 2677

LEGISLATION	
Ref. / Title	**Reference**
The Environmental Noise, Site Waste Management Plans and Spreadable Fats etc. (Revocations and Amendments) Regulations 2013	2013 No. 2854
The Fire Precautions (Workplace) Regulations 1997	1997 No. 1840
The Fire Safety (England) Regulations 2022	2022 No. 547
The Fire Safety Act 2021 (Commencement) (England) Regulations 2022	2022 No. 544 (C. 26)
The Hazardous Waste (England and Wales) (Amendment) Regulations 2009	2009 No. 507
The Hazardous Waste (England and Wales) Regulations 2005	2005 No. 894
The Health and Safety (Consultation with Employees) Regulations 1996	1996 No. 1513
The Health and Safety (Display Screen Equipment) Regulations 1992	1992 No. 2792
The Health and Safety (First-Aid) Regulations 1981	1981 No. 917
The Health Protection (Coronavirus, Collection of Contact Details etc and Related Requirements) Regulations 2020	2020 No. 1005
The Health Protection (Coronavirus, International Travel) (England) Regulations 2020	2020 No. 568
The Health Protection (Coronavirus, Restrictions) (All Tiers) (England) Regulations 2020	2020 No. 1374
The Health Protection (Coronavirus, Restrictions) (England) (No. 3) Regulations 2020	2020 No. 750
The Health Protection (Coronavirus, Restrictions) (Local Authority Enforcement Powers and Amendment) (England) Regulations 2020	2020 No. 1375
The Health Protection (Coronavirus, Restrictions) (Self-Isolation) (England) Regulations 2020	2020 No. 1045
The Health Protection (Coronavirus, Wearing of Face Coverings in a Relevant Place) (England) Regulations 2020	2020 No. 791
The Health Protection (Notification) (Amendment) Regulations 2022	2022 No. 616
The Lifting Operations and Lifting Equipment Regulations 1998	1998 No. 2307
The Manual Handling Operations Regulations 1992	1992 No. 2793
The Personal Protective Equipment (EC Directive) Regulations 1992	1992 No. 3139
The Personal Protective Equipment at Work Regulations 1992	1992 No. 2966
The Personal Protective Equipment Regulations 2002 (Revoked)	2002 No. 1144
The Personal Protective Equipment at Work (Amendment) Regulations 2022	2022 No. 8
The Provision and Use of Work Equipment Regulations 1992	1992 No. 2932
The Provision and Use of Work Equipment Regulations 1998	1998 No. 2306
The Railways and Other Guided Transport Systems (Safety) Regulations 2006	2006 No. 599
The Regulatory Reform (Fire Safety) Order 2005	2005 No. 1541
The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013	2013 No. 1471
The Safety Representatives and Safety Committees Regulations 1977	1977 No. 500
The Waste Management (England and Wales) Regulations 2006	2006 No. 937
The Work in Compressed Air Regulations 1996	1996 No. 1656
The Workplace (Health, Safety and Welfare) Regulations 1992	1992 No. 3004
Transport and Works Act 1992	1992 c. 42
Water Resources Act 1991	1991 c. 57
Wildlife and Countryside (Amendment) Act 1991	1991 c. 39
Wildlife and Countryside Act 1981	1981 c. 69

Key

StdNo	Current standard
Stdno	New Standard
StdNo	Live standard pending withdrawal
StdNo	Superseded/Withdrawn

Modular Rulebook GE/RT8000

PTS Only

In most cases only PTS handbook is required, unless one of the following applies:

1. Index, amendment module and Module *G1* to be issued to the following:

   Supervisors and managers who issue publications
   Staff who operate signal post replacement switches
   Staff who place protection for Line Blockage or T3
   Staff who secure points
   Those who use tents on or near the line

2. Index and amendment module to be issued to the following*:*

   Lookouts
   People who take charge of cranes and equipment which could foul an open line
   People who take charge of work on or near points
   People who carry out patrolling/inspecting duties

Other competencies (IWA, COSS, PC, ES, MC, CC)

Rule Book			
Doc No & Issue	**Issue Date**	**Title**	**Synopsis**
GERT8000 Issue Iss 35	Sep 2022	Rule Book Module Issue History	This document contains updates to align with changes to Rule Book module issues (GERT8000).
GERT8000 Issue Iss 36	Sep 2023	Rule Book Module Issue History	This document contains updates to align with changes to Rule Book module issues (GERT8000).
GERT8000 Issue HB Iss 16	Sep 2022	Rule Book Handbook Issue History	This document contains updates to align with changes to Rule Book Handbook issues (GERT8000).
GERT8000 Issue HB Iss 17	Sep 2023	Rule Book Handbook Issue History	This document contains updates to align with changes to Rule Book Handbook issues (GERT8000).
GERT8000-RBBL Iss 38.2	Feb 2023	Rule Book Briefing Leaflet	Each issue of the Rule Book Briefing Leaflet contains a summary of the changes being introduced to GERT8000.
GERT8000-RBBL Iss 39	Sep 2023	Rule Book Briefing Leaflet	Each issue of the Rule Book Briefing Leaflet contains a summary of the changes being introduced to GERT8000.
GERT8000-Gloss Iss 6	Sep 2022	Glossary of Railway Terminology	You will need this glossary if you are issued with GERT8000.
GERT8000-Gloss Iss 7	Sep 2022	Glossary of Railway Terminology	You will need this glossary if you are issued with GERT8000.
GERT8000-AC Iss 7	Dec 2021	AC electrified lines	You will need this module if you carry out the duties of a train driver, guard, shunter, designated person (DP), signaller, crossing keeper or person in charge of sidings in AC electrified areas.
GERT8000-DC Iss 5	Dec 2021	DC electrified lines	You will need this module if you carry out the duties of a train driver, guard, shunter, designated person (DP), signaller, crossing keeper in DC electrified areas.
GERT8000-G1 Iss 9.1	Dec 2022	General safety responsibilities and personal track safety for non-trackworkers	You will need this module if you carry out the duties of: • a train driver • a guard • a shunter • a designated person (DP) • a signaller • a crossing keeper • platform staff.

Rule Book			
Doc No & Issue	**Issue Date**	**Title**	**Synopsis**
GERT8000-HB1 Iss 7	Sep 2021	General duties and track safety for track workers	This handbook is for those personnel who need to go on the operational railway to carry out their duties, with the exception of a train driver, guard, shunter, signaller, crossing keeper or designated person (DP).
GERT8000-HB2 Iss 2	Sep 2015	Instructions for track workers who use emergency protection equipment	This handbook is for those personnel who need to go on the operational railway to carry out their duties and have been trained to carry out emergency protection. It does not apply to: train drivers, guards, shunters, signallers, crossing keepers and those who act as a designated person (DP). This document has been updated as part of the December 2015 Rule Book Programme.
GERT8000-HB3 Iss 3	Sep 2014	Duties of the lookout and site warden	This handbook is for those personnel who have duties of the lookout and site warden. Information on changes to this issue can be found in the Rule Book Briefing Leaflet (GERT8000-RBBL Iss 27).
GERT8000-HB4 Iss 2	Sep 2014	Duties of a points operator and route-setting agent - moving and securing points by hand	This handbook is for those personnel who has duties of a points operator and route-setting agent - moving and securing points by hand. Information on changes to this issue can be found in the Rule Book Briefing Leaflet (GERT8000-RBBL Iss 27).
GERT8000-HB5 Iss 2.1	Dec 2022	Handsignalling duties	This handbook is for those personnel who carry out handsignalling duties The Rule Book has been reviewed to remove cases of gender-specific language which can be taken as an assumption that only males are involved. All references to 'pilotman' in handbook 5 have been changed to 'pilot'.
GERT8000-HB6 Iss 7	Sep 2021	General duties of an individual working alone (IWA)	This handbook is for those personnel with general duties of an individual working alone (IWA).
GERT8000-HB7 Iss 8	Sep 2021	General duties of a controller of site safety (COSS)	This handbook is for those personnel who have the general duties of a controller of site safety (COSS).
GERT8000-HB8 Iss 9	Sep 2022	IWA, COSS or PC blocking a line	You will need this handbook if you carry out the duties of a IWA, COSS or PC blocking a line.
GERT8000-HB9 Iss 8	Sep 2022	IWA or COSS setting up safe systems of work within possessions	You will need this handbook if you carry out the duties of an IWA or COSS setting up safe systems of work within possessions.
GERT8000-HB10 Iss 5	Sep 2023	Duties of the COSS and person in charge when using a hand trolley	You will need this handbook if you are the COSS or SWL and person in charge when using a hand trolley.
GERT8000-HB11 Iss 10	Sep 2022	Duties of the person in charge of the possession (PICOP)	You will need this handbook if you carry out the duties of the PICOP.
GERT8000-HB12 Iss 9	Sep 2022	Duties of the engineering supervisor (ES) or safe work leader (SWL) in a possession	You will need this handbook if you carry out the duties of the ES or SWL in a possession.
GERT8000-HB13 Iss 4	Sep 2023	Duties of the person in charge of the siding possession (PICOS)	You will need this handbook if you carry out the duties of a PICOS.
GERT8000-HB14 Iss 3	Mar 2021	Duties of the person in charge of loading and unloading rail vehicles during engineering work	You will need this handbook if you carry out the duties of the person in charge of loading and unloading rail vehicles during engineering work.
GERT8000-HB15 Iss 6	Sep 2022	Duties of the machine controller (MC) and on-track plant operator	You will need this handbook if you carry out the duties of the machine controller (MC) and on-track plant operator.
GERT8000-HB16 Iss 5	Dec 2021	AC electrified lines	This handbook is for those personnel who need to go on the operational railway in an AC electrified area to carry out their duties.
GERT8000-HB17 Iss 4	Dec 2021	DC electrified lines	This handbook is for those personnel who need to go on the operational railway in an DC electrified area to carry out their duties.
GERT8000-HB18 Iss 4	Sep 2015	Duties of a Level Crossing Attendant	You will need this handbook if you carry out the duties of a level crossing attendant. This document has been updated as part of the December 2015 Rule Book Programme.
GERT8000-HB19 Iss 5	Sep 2023	Work on signalling equipment - duties of the signalling technician	You will need this handbook if you carry out the duties of a signalling technician.
GERT8000-OTM Iss 11	Sep 2023	Working of on-track machines (OTM)	You will need this module if you carry out the duties of a driver of an on-track machine, an operator of an on-track machine, or a signaller.
GERT8000-T3 Iss 11.1	Nov 2023	Possession of a running line for engineering work	You will need this module if you carry out the duties of a driver or signaller.

Rule Book			
Doc No & Issue	**Issue Date**	**Title**	**Synopsis**
GERT8000-T10 Iss 6	Sep 2022	Duties of a designated person (DP) and people working on rail vehicles	You will need this module if you carry out the duties of a designated person or person working on a rail vehicle.

Network Rail Safety Central – Information Section

Code of Conduct

The Code of Conduct establishes some minimum standards that Network Rail expects in their supply chain. It has been developed by Network Rail's National Supply Chain, Industry bodies, and the Unions. It will be reviewed and updated by members of these same groups bi-annually. Please email queries to codeofconduct@networkrail.co.uk

Code of Business Ethics (web page)
Modern Slavery (web page)

Network Rail Safety Bulletins
In this section you'll find copies of the Network Rail safety bulletins regularly sent out to staff working on the Network Rail infrastructure. These cover a range of different safety issues and are often issued in response to a specific incident.

https://safety.networkrail.co.uk/tools-resources/safety-bulletins/

You can refine your search by:

Bulletin type

- Archive - Lessons Learnt
- Archive - Safety Bulletins
- Safety Advice
- Safety Alert
- Safety Bulletin
- Shared Learning

There will also be an archive of past bulletins, so you can download any that you missed, or want to read again. **Please download them for the FULL TEXT OF THE BULLETINS.**

Safety Bulletins

- No new bulletins

Safety Advice

- Safety Advice NRA24-05 – Geofencing Immediate Advice March 4, 2024
- Safety Advice NRA24-03 – Defective hand grip on Jafco Controlled Keying Hammers February 15, 2024
- Safety Advice NRA24-02 – Razor blades behind stickers February 7, 2024
- Safety Advice NRA23-14 – Temporary road rail access panels left on an open line January 4, 2024

Other documents

- No new bulletins

Lessons Learnt / Shared Learning
Network Rail are now producing 'Lessons Learnt' publications following events which have led to Formal investigations or local investigations where significant points of learning have resulted. Network Rail believes that these lessons will be of value for all involved in the industry and not just safety professionals, they are ultimately designed to aid prevention of events of a similar nature happening again elsewhere.

Safety Bulletins | Safety Central (networkrail.co.uk)
Click on "Shared Learning" in the Bulletin type menu on right of screen. Type "NRL24" in the search box for this year's.

Health & Wellbeing
Health and wellbeing (web page)

Risk Management
Think RISK (web page)

Resource Library
https://safety.networkrail.co.uk/tools-resources/resource-library/
The Resource Library holds a wealth of information.

SCO 24:7 (Supply Chain – Operations) Telephone
SCO 24:7 (formally the NSC247 and NDS24:7): call 01908 723500 or 085 65500 (internal)

SCO 24:7 operates 24 hours a day, 365 days of the year from the Quadrant in Milton Keynes. Our remit is to manage the real-time delivery of SCO products & services to our customers. This includes engineering haulage, materials, on track machines, infrastructure monitoring, seasonal treatment, HSEA reporting, site access services and lone worker monitoring.

Emergency
If there's a safety threat to you or to others such as:

- Animals, objects or people on or near the track
- Damage or fault at a level crossing
- A vehicle has hit a bridge
- A broken fence or open gate allowing access to the track

Please call Network Rail Emergency 24-hour helpline immediately: **03457 11 41 41**

To report a crime
Please contact the British Transport Police: **0800 40 50 40, 999 or Text 61016**

HSE Fatigue and Risk Index (FRI) Calculator
The Fatigue Risk Index (FRI) has been withdrawn from the HSE website. The reasons for this are:

- The software platform is an older Excel that can no longer be supported on the HSE website.
- The design of the FRI requires improvement to promote better understanding of its outputs, its limitations and its role in a Fatigue Management System.
- In its current format, there have been case of the FRI being issued in order to justify work patterns that clearly require further action t reduce fatigue-relate risk.
- FRI users who have access to the FRI in its current format can continue to use it, provided you have the necessary expertise to use the tool and understand the outputs and limitations.

Following feedback, we are making the tool available, as well as how to documents, to aid with calculations.
HSE Fatigue and Risk Index (FRI) Calculator

Useful Links

The following pages contain other useful links and safety information from various sources which may be relevant to you.

Item	Details
Health and Safety Executive http://www.hse.gov.uk – Website	Government agency responsible for regulating risks to health and safety arising from work. HSE publications can be downloaded free in Adobe PDF format.
CIRAS Online http://www.ciras.org.uk – free access	The Confidential Incident Reporting and Analysis System Freephone number 0800 4 101 101.
Network Rail http://www.networkrail.co.uk – Website	Owner and operator of Britain's railway infrastructure.
Network Rail Standards If you have any queries re the registration form or the Network Rail Standards portal, please email: STSupplierSupport@networkrail.co.uk **Network Rail Technical Drawings** National Records Group Email: nrgcivils@networkrail.co.uk	from 31 August 2023, free access to Network Rail's extensive catalogue of standards and controls documentation will be via a new (interim) website. This new site will be called the Network Rail Standards Portal. If you have not already done so, please register for access to the Network Rail Standards Portal by completing this registration form as soon as you can, so that your new log in account can be set up.
Network Rail Safety Central http://safety.networkrail.co.uk – free access	The site is your one-stop shop of safety information, advice, resources and useful contacts, designed to promote consistency and best practice across the whole rail industry. The information is divided under the following sections: • Alerts & Campaign Material • Communication & Health • Commitment & Rules • Safety Groups • On Site Solutions • Toolbox
RSSB Close Call System www.closecallsystem.co.uk – Register for access	At the request of Network Rail and its contractors, RSSB has developed a new internet-based system that will allow the industry to centrally record and analyse 'Close Call incidents'. This is known as the Close Call System.
Rail Safety and Standards Board http://www.rssb.co.uk – Register for access to certain documents	RSSB builds industry-wide consensus and facilitates the resolution of difficult cross-industry issues. They provide knowledge, analysis, a substantial level of technical expertise, powerful information and risk management tools.
Rail Sentinel https://www.railsentinel.co.uk/ – registered companies only	**Sentinel Scheme Rules** The latest copy of the scheme rules can be found here: Sentinel Scheme Rules
Office of Rail and Road http://orr.gov.uk/ – free access	Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.
Rail Accident Investigation Branch http://www.raib.gov.uk/ – free access	Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to improve safety, not to establish blame.

Useful Links

Item	Details
Railway Group Standards https://www.rssb.co.uk/standards-catalogue – free access with registration Rail Safety & Standards Board Enquiry Desk Phone: 020 3142 5400 Website www.rssb.co.uk	**Purchasing Railway Group Standards** A copy of the order form can be found in the forms section of the RGS Catalogue or from the RGSONLINE website stated above. You will need the following details in order to complete the form: • Railway Group Standards code and title • Quantity • Price • Purchaser's full name, business, address and telephone number • Credit card details, cheque or purchase order number Then fax or post it to **Willsons Printers Limited** at the address below. Please ensure that you include your credit card details, purchase order or a cheque made payable to Willsons Printers. Payments can also be made by BACS - please contact Willsons for company bank details. Orders received will be dispatched within five working days. **Purchasing National Operations Publications** National Operations Publications are Railway Group Standards which set out mandatory requirements for direct application in the workplace. These include: • Modular Rule Book (GERT8000) • Working Manual for Rail Staff: Handling and Carriage of Dangerous Goods (GORM3053) • Working Manual for Rail Staff: Freight Train Operators (GORM3056) • Rule Book Forms Details of these documents can be found in the sections 'Document Titles and Descriptions' for Traffic Operation and Management. As these documents are subject to frequent change, amendments which do not justify the reissue of the module or section of the working manual are published in GERT8001, Changes to National Operations Publications. Willsons Printers Limited supplies the modules and handbooks which make up the Modular Rule Book, Working Manual and Rule Book forms. You can order these documents by contacting **Denise Atkinson** at **Willsons Printers Limited** at the address below: **Willsons Printers Limited** **Highlander House** **Cross Street, Newark** **Nottinghamshire, NG24 1PP** **Tel: 01636702334 Fax: 01636701396** http://www.willsonshop.com
M&EE Networking Group **Codes of Practice** https://www.rssb.co.uk/standards-catalogue#stakeholder-publications **Refine results by selecting Lead Committee**	The M&EE Networking Group is a non profit making group dedicated to the sharing of professional engineering and railway operations information and to provide a focus to the rail industry relating to operational and technical safety of plant. The group is a meeting of the professional heads of mechanical and electrical engineering and operations from infrastructure contractors, Network Rail, RSSB, the Rail Plant Association, London Underground and elected representatives from other infrastructure renewal companies, plant owners, and manufacturers/suppliers of plant and technical services. The M&EE Networking Group produces Codes of Practice and other documents as good practice for all members of the industry.

Other Bulletins

Track Safety Alliance

A few videos of interest at the Track Safety Alliance website:
http://www.tracksafetyalliance.co.uk/videos/65/

Southern Shield

Everyone Home Safe Every Day
Southern Shield is a collaborative safety forum that consists of Network Rail Infrastructure Projects Southern Region and its principal contractors. There are many more useful links on their website https://www.southernshield.co.uk/

- Best Practice https://www.southernshield.co.uk/best-practice/90/
- Safety Messages https://www.southernshield.co.uk/safety-messages/4/
- Health & Wellbeing https://www.southernshield.co.uk/health-and-wellbeing/82/
- Library https://www.southernshield.co.uk/library/3/

Electrical Safety Step Up

Electrical Safety Step Up - Safety Central (networkrail.co.uk)

- Electrical Safety Step Up Promotional Material ZIP / 26 Jan 2023
- Conductor Rail Equipment Scenario Film MP4 / 16 Jan 2023
- Facilitation Guides ZIP / 12 Jan 2023
- Our Call to Action Closing Film MP4 / 4 Jan 2023
- OLE Scenario Film MP4 / 4 Jan 2023
- Your Commitment to Working Safe MP4 / 4 Jan 2023
- Andrew Haines Welcome MP4 / 4 Jan 2023
- Electrical Safety Step Up Slide Deck – OLE No Films PPTX / 4 Jan 2023
- Electrical Safety Step Up Slide Deck – Conductor Rail Equipment No Films PPTX / 4 Jan 2023
- Bryant's story MP4 / 4 Jan 2023

Drugs and Alcohol standard (supplier page)

Drugs and Alcohol standard (supplier page) - Safety Central (networkrail.co.uk)

What's changing?
Our supply chain colleagues are expected to test 20% of their safety critical staff so please make sure you are familiar with the changes, and never attend work under the influence of drugs or alcohol.

- Drugs and Alcohol standard – Line Manager Briefing Pack – Supply Chain PPTX / 13 Oct 2022
- Drugs and Alcohol standard – Change on a page (Supply Chain) PDF / 13 Oct 2022

Other Safety Information

Miscellaneous

Shared Learning

Key learning following a serious incident

everyone home safe every day

Ref:	WW24-06L
Date of Issue:	7th Feb 2024
Location:	Regional Learning
Contact:	Barry Miller 07395394367

Image from Acusensus

Overview

Recently an employee of Network Rail was photographed by an Acusensus AI camera while driving to site on a highway at 58MPH in a 60mph area— However they received a Notice of Intended Prosecution for using a mobile phone whilst driving.

Underlying Cause:

The driver had used What3Words to navigate to the access point and was going to utilise the Air Play system with in the vehicle, but during the journey the connection cable began to fail so the GPS instructions did not stay on the vehicle display.

As traffic increased the GPS provided a alternative route, the member of staff accepted the diversion on his mobile phone and was photographed by a Acusensus AI camera.

This new type of Camera not only identifies exceeding speed limits, but also non wearing of seat belts, using mobile devices while driving and other dangerous activities while driving.

The driver was not exceeding the speed limit when photographed

Key Message:

Can you explain what the Highway code says on the use of equipment whilst driving?

Can you state the applicable Life saving rules when driving? (Hint—there are 5 in total !

Where do you pull over and park to have interactions with mobile phone calls, e-mails, Navigation aids, etc to ensure you are somewhere safe and appropriate?

How often do you ensure the vehicle is in neutral and handbrake is engaged.

Wales and Western

Part of our SHE Communications

Environment Alert | Environment Notice | Environment Bulletin | Shared Learning

Safety Alert | Safety Bulletin | Safety Advice

DISTRIBUTION

- All Region
- Regional Exec and All SHE Professionals
- All Wales Route
- Wales Operations
- Wales Maintenance
- All Western Route
- Western Operations
- Western Maintenance
- Capital Delivery
- DEAM / Commercial and Support Functions

W&W v0.2

02-2021

(3E)S² Exceeding Expectations Everywhere Safely & Sustainably

Construction (Design & Management) CDM 2015

What is CDM?

Construction (Design and Management) CDM is :

- the law that applies to the whole construction process on all construction projects, from conception to completion
- there are key duty holders with responsibilities that they must do to comply with the law to ensure projects are carried out in a way that secures health and safety.

What is the Purpose of CDM?

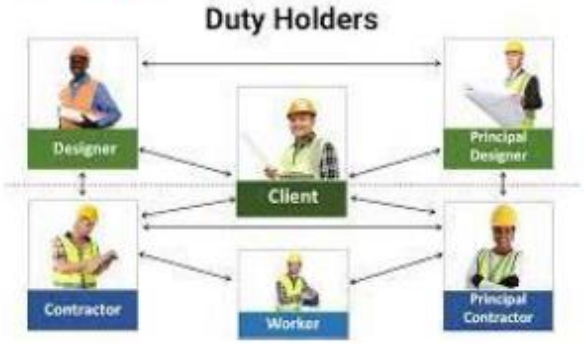
Whatever your role in construction, CDM aims to improve health and safety in the industry by helping you to:

- sensibly plan the work so the risks involved are managed from start to finish
- have the right people for the right job at the right time
- cooperate and coordinate your work with others
- have the right information about the risks and how they are being managed
- communicate this information effectively to those who need to know
- consult and engage with workers about the risks and how they are being managed

Who are Duty Holders?

Duty holders have certain responsibilities under CDM. The duty holders are:

- Clients (there are also domestic clients)
- Principal Designers / Designers
- Principal Contractors / Contractors
- Workers



Construction (Design & Management) CDM 2015

Client Duties
Clients are organisations or individuals for whom a construction project is carried out. Clients must make sur that suitable arrangements for managing a project are in place including making sure:

- Other duty holders are appointed.
- Sufficient time and resources are allocated.
- Relevant information is prepared and provided to other duty holders.
- The principal designer and principal contractor carry out their duties.
- Welfare facilities are provided.

Designer Duties
Designers are those, who as part of a business, prepare or modify designs for a building, product or system relating to construction work.

- When preparing or modifying designs, they are required to eliminate, reduce or control foreseeable risks that may arise during construction as well as the maintenance and use of a building once it is built.
- Provide information to other members of the project team to help them fulfil their duties.

Principal Designer Duties
Principal Designers are appointed by the Client in projects involving more than one contractor. They can be an organisation or an individual with sufficient knowledge, experience, and ability to carry out the role. They must plan, manage, monitor, and coordinate health and safety in the pre-construction phase of a project. This includes:

- identifying, eliminating, or controlling foreseeable risks.
- ensuring designers carry out their duties.
- prepare and provide relevant information to other duty holders.
- Provide relevant information to the Principal Contractor to help them plan,

Duty Holders

Contractors Duties
Contractors are those who do the actual construction work and can be either an individual or a company. They:

- Plan, manage and monitor construction work under their control so that it is carried out without risks to health and safety.
- For projects involving more than one contractor, they co-ordinate their activities with others in the project team – in particular, comply with directions given to them by the Principal Designer or Principal Contractor.
- For single-contractor projects, prepare a construction phase plan.

Principal Contractor Duties
Principal contractors are contractors appointed by the client to coordinate the construction phase of a project where it involves more than one contractor. They plan, manage, monitor, and coordinate health and safety in the construction phase of a project. This includes:

- liaising with the client and principal designer.
- preparing the construction phase plan.
- organising cooperation between contractors and coordinating their work.

Making sure:

- suitable site inductions are provided.
- reasonable steps are taken to prevent unauthorised access.
- workers are consulted and engaged in securing their health and safety.

Workers Duties
Workers are the people who work for or under the control of contractors on a construction site. They must:

- Be consulted about matters which affect their health, safety, and welfare.
- take care of their own health and safety and others who may be affected by their actions.
- report anything they see which is likely to endanger either their own or others' health and safety.
- cooperate with their employer, fellow workers, contractors, and other duty holders.

Key elements to securing construction health and safety

The key elements, include:

- managing the risks by applying the general principles of prevention;
- appointing the right people and organisations at the right time;
- making sure everyone has the information, instruction, training and supervision they need to carry out their jobs in a way that secures health and safety;
- duty holders cooperating and communicating with each other and coordinating their work;
- consulting workers and engaging with them to promote and develop effective measures to secure health, safety and welfare

Mandatory Biodiversity Net Gain comes into force in England

What is BNG?

Biodiversity Net Gain (BNG) is a policy to create and leave natural habitats in a better state than before development took place. It delivers measurable improvements for biodiversity by creating or enhancing habitats in association with development. This is measured using a tool developed by DEFRA. BNG can be achieved on-site (of the development), off-site or through a combination of on-site and off-site measures. It requires a **minimum of 10% uplift** in nature and biodiversity than before any development began. Habitat must also be in place and maintained for at least 30 years. Under the Environment Act (2021) **BNG requirements will come into law from February 12th 2024**.

Why is it important?

The 2023 State of Nature report suggests the UK is one of the most nature depleted countries in the world. This is despite legislation and policy to protect biodiversity and wildlife.
Whilst certain sites and species are protected, there are limited mechanisms to value, maintain, enhance and create wildlife habitats beyond protected sites. As a result, most habitats continue to be lost to development.

UK wildlife expected to benefit from the policy changes

What does this Legislative change mean for projects?

This law applies to England, with Wales and Scotland currently developing slightly differing schemes. This change will apply to NR projects that require planning permission. The BNG law does not apply to permitted development, however Network Rail has committed to a business wide No Net Loss by 2024. Across the NR estate the company has also pledged to a 10% Net Gain by 2035, as outlined in the Environmental Sustainability Strategy. The requirement for BNG assessments are also outlined in Standard NR/L2/ENV/015 and NR/L2/ENV/122.

Biodiversity Net Gain lessons learnt so far across Eastern Capital Delivery projects

Designs change! Ensure you have a buffer zone to achieve the minimum of 10% in case design changes alter land availability.	Engage with local wildlife groups in the design stage to make sure the best planting is made to support the local area.
Projects in CP7 MUST ensure there is budget allowed for BNG. Retrospective consideration can be far more costly than early conversations.	Ensure competence within teams, specifically design teams. Integration with the ecologists is a must for a good landscape design.
Have early discussions with the relevant maintenance teams if BNG is being completed on NR land. Legislation mandates that the habitat must be maintained for 30 years.	Need further guidance? Check out the Natural England BNG brochure here for benefits:

Shared Learning

Key learning following a serious incident

everyone home safe every day

Ref:	WW24-06L
Date of Issue:	7th Feb 2024
Location:	Regional Learning
Contact:	Barry Miller 07395394367

Image from Acusensus

Overview

Recently an employee of Network Rail was photographed by an Acusensus AI camera while driving to site on a highway at 58MPH in a 60mph area— However they received a Notice of Intended Prosecution for using a mobile phone whilst driving.

Underlying Cause:

The driver had used What3Words to navigate to the access point and was going to utilise the Air Play system with in the vehicle, but during the journey the connection cable began to fail so the GPS instructions did not stay on the vehicle display.

As traffic increased the GPS provided a alternative route, the member of staff accepted the diversion on his mobile phone and was photographed by a Acusensus AI camera.

This new type of Camera not only identifies exceeding speed limits, but also non wearing of seat belts, using mobile devices while driving and other dangerous activities while driving.

The driver was not exceeding the speed limit when photographed

Key Message:

Can you explain what the Highway code says on the use of equipment whilst driving?

Can you state the applicable Life saving rules when driving? (Hint—there are 5 in total !

Where do you pull over and park to have interactions with mobile phone calls, e-mails, Navigation aids, etc to ensure you are somewhere safe and appropriate?

How often do you ensure the vehicle is in neutral and handbrake is engaged.

Wales and Western

Part of our SHE Communications

Environment Alert | Environment Notice | Environment Bulletin | Shared Learning

Safety Alert | Safety Bulletin | Safety Advice

DISTRIBUTION

- All Region
- Regional Exec and All SHE Professionals
- All Wales Route
- Wales Operations
- Wales Maintenance
- All Western Route
- Western Operations
- Western Maintenance
- Capital Delivery
- DEAM / Commercial and Support Functions

W&W v0.2

02-2021

(3E)S² Exceeding Expectations Everywhere Safely & Sustainably

Our Safety Update

everyone home safe every day

22 January 2024

In this week's issue - Signalling shared learning and thefts from Network Rail depots

Signalling shared learning

The signalling shared learning pack provides details of events and incidents that have happened on signalling projects between July 2023 and December 2023.

Included in the pack are the following: :

- 35th anniversary of Clapham Junction disaster
- Signal Maintenance Testing Handbook (SMTH) crossed wires
- TPSw intervention
- Cable ties on gantry
- Signaller reminder on ARS workstation
- LED route indicators

Download the shared learning document here.

Network Rail depot thefts

Since 15 October 2023, the British Transport Police have had reports of a series of burglaries/thefts from Network Rail depots across the following areas: Paddock Wood, Lenham, Dartford, Swanley, Hither Green, Orpington, Sevenoaks, Tonbridge, Ramsgate, Sittingbourne and Ashford. These may be connected to other thefts that have taken place in Colchester, Norwich, Luton, Nuneaton and Redhill.

CCTV images show the suspects wearing Network Rail PPE and using vehicles with cloned number plates.

White Citroën Berlingo CE17GKU (Believed to be cloned plates)

Herne Hill (02/01/2024)
White van, believed to be Peugeot.

Silver Renault Kangoo RE59VKB
Colchester 22/11/2023

- If you have any information relating to these thefts, please contact Stacey Turner.
- If you see any suspicious behaviour or need to report a possible theft, please contact BTP on 0800 40 50 40.
- If you see any criminal activity taking place, please call 999.

Please send your feedback on the newsletter to southernregioncomms@networkrail.co.uk

(3E)S² = Exceeding Expectations Everywhere Safely & Sustainably

Learning from Incidents: Dumper Overturn

Incident Overview

- A 3T Wheeled Dumper was being utilised to transport excavation arisings from the worksite on the platform to the designated stockpile located at the access point ready for onward collection.
- The dumper overturned whilst travelling to the access point. The dumper route was a regular activity, however over time the ground conditions had deteriorated to the point of regular intervention.
- The Operator had just completed a reverse manoeuvre and turned the dumper to face the area. As the operator began the tipping operation the front left wheel of the dumper rose, changing the centre of gravity of the vehicle. The vehicle overturned onto its right-hand side. The operator suffered a sprained wrist.

View looking towards site of works on Platform 1

View from Bottom of Ramp looking towards Platform 1

Learning Points

- The ramp and tipping area had deteriorated and softened due to material being tipped and spread in persistent wet weather, however the risk had not been identified during the works.
- The ramp and tipping area configuration was sub-optimal and redesigned to create distinct segregation.
- The preservation of evidence was not followed, the dumper was righted immediately due to environmental (spillage) concerns.

View from Top of Ramp looking towards Tesco

* Photo in banner header is not of the incident it is taken from the internet for illustrative purposes only

Eyes on Safety

Eye protection on our sites

We are mandated to have in place suitable systems to control the risk of eye injuries, and as a minimum all staff must wear appropriate eye protection.

Eye injuries can lead to long-term damage, vision impairment, or even the permanent loss of your sight, all of which could be life changing. Eye protection is more than just Personal Protective Equipment (PPE), it is an investment in our own wellbeing.

Toolbox Talk

The project team at Cambridge South Enhancements delivered a toolbox talk on eye protection recently with a twist, all the attendees were blindfolded! The group were tasked with undertaking simple activities including drawing a square, asking a colleague to write their name in the square and folding a sheet of paper into an aeroplane. This helped reinforce the challenges of losing the sense of sight and drive home the message of the importance of eye protection.

The toolbox talk was well received and many of the participants commented on how thought provoking the session was in sending a clear message on the importance of our eyesight and eye protection

Things to consider:

- Before starting any task, conduct a risk assessment to identify any potential eye hazards such as flying objects, chemical spills and any other potential sources of eye injuries.
- Wear the right eye protection for the activity you are undertaking
- Regularly clean your eye protection equipment to remove dirt, dust, or any other substances that may impair visibility.
- Inspect your eye protection regularly for any damage such as scratches or cracks and replace immediately.

RSSB Sustainable Rail Blueprint

The Rail Safety and Standards Board (RSSB) have created a sustainable rail blueprint, setting out range of strategic aims and focus areas, marking out the framework for the way forward for sustainable rail, helping to inform discussion and drive rail transformation, through its contribution to the long-term strategy for rail.

Click or scan here to learn more

The Blueprint sets out 11 sustainable rail topics, across emissions, natural environment and social sustainability. Each topic is underpinned by a flagship goal, strategic aims and a route-map, which fully define what the industry needs to achieve. These goals were formed as part of a cross industry collaboration, overseen by the DfT

The Goals

Emissions

Net Zero Carbon Rail
A railway that's central to delivering a net zero economy by 2050.

Clean Air
A railway that supports a positive impact on local air quality.

A Quieter Railway
A railway that manages noise and vibration to protect the health and wellbeing of its colleagues, customers and local communities.

Natural Environment

Prepared for a Changing Climate
A railway that's resilient to extreme weather and prepared for a changing climate.

A Railway for Nature
A railway that supports a thriving natural environment, for the benefit of people and wildlife.

Zero Waste
A railway that uses resources efficiently and supports a collaborative circular economy.

Protect & Conserve Water
A railway that uses water sustainably and supports improved water quality.

Social Sustainability

Maximising Social Value
A railway that's committed to the creation and maximisation of social value.

Rail at the Heart of Communities
A railway that engages and empowers its communities.

Careers, Economy & Sustainable Growth
A rail industry that's resilient and innovative, providing good jobs and supporting sustainable economic development.

People-centred Rail
A railway that's inclusive and accessible, and committed to the wellbeing of colleagues, customers and local communities.

The Common Solutions

Zero Emission Traction
A clear investment pathway to clean, decarbonised traction needs to be agreed and supported.

Seamless Journeys
Rail must fully integrate as part of a sustainable, joined-up transport system to support the shift of people and goods onto railways.

Nature-based Solutions
An industry-wide approach to nature-based solutions is needed, to maximise the social and environmental benefits of rail industry land.

Social Value
Social value must be adopted and embedded across the industry to increase quality of life and maximise the benefits of rail to society.

Data Framework
A data framework is needed to measure, collate, and report progress against sustainable rail goals.

Culture for Sustainability
Making sustainability part of everything we do must be a core pillar of the culture of the rail industry.

Who Needs to be Involved?

- Infrastructure Managers
- ROSCOs
- Passenger Train Operators
- Supply Chain
- Freight Train Operators
- Governments & Rail Regulator

Infrastructure Projects have a vital role to play in achieving these industry goals. Every positive change we make contributes to making the railway more sustainable

OFFICIAL

Safety Bulletin

everyone home safe every day

Colleague Near Misses in Scotland

Issued to: Scotland's Railway colleagues and Principal Contractors

Ref: SRB 23-21L

Date of issue: 12th December 2023

Location: Scotland's Railway

Contact: Iain Watson
iain.watson@networkrail.co.uk

Overview

When we go on the infrastructure and trains are running, it's an environment that has the greatest potential for harm to colleagues.

In Scotland's Railway we've taken pride in our safety arrangements that reduced our near miss events to zero for almost two years.

That great record is now over. We've exposed colleagues to three near misses in the last five months.

While these events are being investigated, this Bulletin is intended to start conversations in your teams to reduce the likelihood of you being involved in a near miss event in the future.

Event one.
On the 30th of August 2023, a colleague from a maintenance team was carrying out Basic Visual Inspections and moved beyond their protection. They thought they saw a fault with the track and went to investigate.

Event two.
On the 8th of November 2023, a colleague carrying out structures examinations and was walking in the four foot with their back to traffic.

Event three.
On the 4th of December 2023, colleagues responding to a points failure moved beyond their protection limits because they saw another fault and went to investigate.

Discussion Points

Discuss your reaction to the information in this bulletin.

Discuss the importance of strictly following your approved Safe System of Work.

Discuss how you would manage changes to your planned work.

Discuss what you would do if you saw something that you thought was unsafe.

Discuss how you can stay aware of your surroundings and the risks that may be present.

Always apply 'Take 5' - Stop, Review, Assess and Adjust

Never leave your agreed worksite limits

Part of our group of Safety Bulletins: Safety Alert | Safety Bulletin | Safety Advice | Shared Learning

(3E)S² Exceeding Expectations Everywhere Safely & Sustainably

Learning from History
Elsenham Level Crossing Incident

The Incident

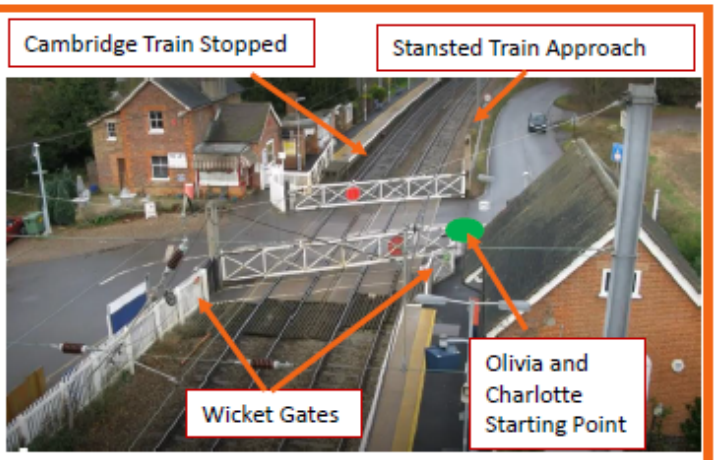
On the 3rd December 2003 teenagers Olivia Bazlinton and Charlotte Thompson were looking forward to going Christmas Shopping and were going to catch the train to Cambridge from Elsenham Station. Waiting at the pedestrian level crossing at Elsenham Station, they saw their train to Cambridge go past and draw into the platform. They opened the wicket gates to cross to the platform and catch their train but were struck by a second non-stopping train coming through towards Stansted Airport.

The crossing was fitted with warning lights and yodel alarms. These warnings had started when the London to Cambridge train passed and remained on as the train to Stansted approached. The girls had walked on to the crossing after the first train passed potentially thinking that this was the train that had set off the alarms and lights but had not realised a second train was approaching. The Stanstead train was on a bend and had very limited time to brake before hitting the girls.

Lessons Learnt

The risk assessment was inadequate. Low cost practicable solutions were available to mitigate these risks but were not implemented.
Ensure suitable and sufficient risk assessments are carried out for our works and controls implemented following the hierarchy of control.

The users of the crossing and their behaviour was not considered in the design of the crossing and following risk assessment was not altered to reflect this.
Consider all affected by our works from end users to operators and maintainers and ensure a risk assessment is documented.



The parents (in effect our customers) were not listened to during the original investigation and felt let down and marginalised
Engage with our customers and understand their needs and wants.

The Aftermath

Network Rail's initial response was that the crossing was safe if used correctly and that the girls had ignored the warnings. Approximately 6 years later Network Rail were prosecuted for the incident. A risk assessment for the crossing identified a number of things:

- The wicket gates should have had magnetic locks (which they didn't)
- There was a large number of users including school children (vulnerable group).
- Multiple repeat trips over the crossing were taking place (car park on the downside and paper shop on the up)
- There was only one ticket machine which meant passengers had to cross to get a ticket.
- Staggered platforms increased the risk of crossing behind trains when it pulls in order to catch it.

Internal NR staff can watch a video from the 15th anniversary of the incident here - Elsenham anniversary (sharepoint.com

For further information or support –Andy Vipond – 07739775942 – Assurance and CDM Compliance Manager

Environmental Risk Assessments Learning

Background

The Northumberland Line Upgrade project recently had works that required working adjacent to New Hartley Ponds Site of Special Scientific Interest (SSSI), a protected ecological site designated for its presence of Great Crested Newts (GCN). A Nature Space Organisational Licence was procured for the project to manage the GCN risk however further approval (Assent) may also be required from Natural England when working in a SSSI. For SSSIs located on Network Rail property, there may be a Site Management Statement (SMS) in place, which allows *certain* works to proceed along the railway without specific need for a SSSI Assent.

What Happened

In Summer 2023, the team undertook checks prior to works and identified the Site Management Statement had expired in March 2023. Weekend works had to be postponed whilst the team investigated the risk.

Following consultation with Network Rail S&SD team and project ecologists, it was deemed the works to be completed (installation of 3no. speed signs) was low risk and therefore Assent from Natural England would not be required. The NatureSpace licence, already in place, was deemed sufficient by the team following ecologist consultation.

Checking documents in advance of the works was good practice and avoided possible environmental harm or legal consequences. Due to timing, the risk decision had to be made after postponing the works. Fortunately, this activity was not on the critical path and did not have any programme implications, however a delay was easily avoidable. Lessons are being shared to avoid a similar and potentially more serious event in the future. Good communication and rapid responses to change was demonstrated by the CRSA team.

Shared Learning Outcomes

- Check the dates of all permits, licences and consents prior to all works taking place.
- Consult with ecologists or your environmental manager if unsure of ecology risks.
- Always ensure compliance with relevant licenses, permits and consents, checking.
- Make sure you update environmental documents. These are to be treated as live. This is especially the case if programmes, activities and/or locations have been amended.

It is mandatory to complete an ESMP before ANY works begin on site. This document should be treated as live and checked and updated at a minimum of every 6 months as outlined in NR Standard NR/L2/ENV/015.

New Hartley Ponds SSSI last Winter

The European Protected Species Great Crested Newt

Click on the QR code: GovMagic website to search for national / international protected sites. This can also be done via Geo-RINM.

HSQE FAST FACTS ALERT

KENT GROUP

DONCASTER TO SCUNTHORPE PROJECT ACCIDENT - CUT HAND

- November 2023

The Event

On November 22nd, whilst working within the newly manufactured and installed Scunthorpe PSP UPS REB, a member of our electrical installation team cut the back of his hand whilst drilling within the REB subfloor to install new glands for cables. The cut occurred when the drill "snagged" and forced his hand onto sharp metal of the building fabric

The operative was given first aid on site, he then attended Scunthorpe General Hospital to have the cut glued, returning to work the same day with no major injury

Earlier on the same day, the same operative had close called the REB building design for its difficulty to gland external cables stating the interface between the switchgear panels and the building type needs review

At the time of the accident, the operative had decided to remove gloves, on discussion he stated he was more concerned with the gloves being caught in the moving parts of the drill, this was against the PPE advised within the TBS.

Discussion Points and Actions:

- Have you got the right PPE for the job?
- Are you working in line with your TBS?
- Can we improve the design for cable access for this type of installation?
- Could more have been done off-site in the factory environment?
- Would a pilot hole have helped?

RIGHT FIRST TIME

everyone home safe every day

ZERO HARM

Safety 3-4-3 and Fleet 3-4-3

Safety 3-4-3 and Fleet 3-4-3 will be published and distributed at a later date.