



September 2024 ACS Rail Updates

Welcome to the September 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

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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

Important Notice: As a consequence of Network Rail's IT security policy, users accounts will be automatically deleted following 90 days of inactivity. In this instance you will be required to re-register for a new account.





Changes to Network Rail Standards Issue 133: 07th September 2024 – 06th December 2024

Standards Change Overview - September 2024

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

Reference	Title	Issue	Compliance Date
NR/GN/CIV/200	Station Design Manual	10	N/a
NR/L1/CIV/001	The Management of Buildings and Civils Infrastructure	2	07/12/2024
NR/L2/CIV/1000	Competence Management for Buildings and Civils Infrastructure	5	05/04/2025
NR/L3/CIV/151	Application of Standard Designs and Details for Building and Civil Engineering Works	8	07/12/2024
NR/L3/CTM/306	Skills Assessment Scheme	4	07/12/2024
NR/L3/ELP/3091	DC Conductor Rail Electrified Lines Working Instructions	6	07/09/2024
NR/L3/ELP/21067	Instructions for making out, issuing and cancelling high voltage Permits to Work, Sanctions for Test and Circuit State Certificates	8	01/09/2025
NR/L3/ELP/27237	Overhead Line Work Instructions	26	07/09/2024
NR/L3/ELP/27250	Conductor Rail Equipment – Design and Maintenance Working Instructions	9	07/12/2024
NR/L2/MTC/CTM001	Competence within Maintenance	1	07/12/2024
NR/L3/MTC/MG0213	Index of Standard Maintenance Forms	23	07/12/2024
NR/L3/MTC/RCS0216	Risk Control Manual	29	07/12/2024
NR/L2/OHS/00117	New and Expectant Mothers Risk Management	3	07/12/2024
NR/L2/OHS/00130	Creating a Site of Work Segregated from the Railway	3	07/12/2024
NR/L3/OPS/045 (July)	National Operating Procedures Index	33	07/10/2024
NR/L3/OPS/045 (September)	National Operating Procedures Index	34	07/12/2024
NR/GN/OTK/5000	Index of Off-Track and Drainage Drawings	4	N/a
NR/L3/P3M/005	Design and Construction Management in a High Street Environment	5	07/12/2024
NR/L3/RMVP/0200	Infrastructure Plant Manual	14	07/12/2024
NR/L2/RMVP/27700	Plant Product Introduction Process	1	01/03/2025
NR/L2/SIG/11201	Signalling Design Handbook	20	07/12/2024
NR/L2/SIG/30009	Signalling Principles Handbook	29	07/12/2024
NR/L2/SIG/30014	Signal Works Testing Handbook	23	07/12/2024
NR/L2/SIG/50035	Competence Standard - Competence and Training in Signal and Level Crossing Engineering	8	07/12/2024
NR/L3/SIG/11235	Signalling Intermediate Testing Handbook	3	07/12/2024
NR/L2/TEL/00028	Climate Controlled Trackside Equipment Housing for Telecommunications Equipment (formerly NR/PS/TEL/0028)	3	07/12/2024
NR/L3/TEL/30181	Telecoms Maintenance Work Instructions Handbook	12	07/12/2024
NR/L3/TRK/003	Index of Track Engineering Forms	48	07/12/2024
NR/L3/TRK/1300	Re-profiling and Grinding of Running Rails, including Switches and Crossings	1	06/09/2025
NR/L2/XNG/002	Level Crossing Manager Competence Framework	2	07/12/2024
NR/L3/RMVP/047/TMC03	Booking On and Off Arrangements (Road Rail Vehicles (RRV) and Rail Mounted Maintenance Machines (RMMM) Operators) (formerly NR/L3/OPS/047/TMC03)	4	Withdrawal date: 07/09/2024





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/504	Standard/control document affected: NR/L2/TRK/001/mod14 (Issue 8), Managing Track in Hot weather	1	24/06/2024
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/501	Standard/control document affected: NR/L3/ELP/27720 (Issue 1), Test Before Touch for Overhead Line Equipment (replaces NR/BS/LI/490)	1	10/06/2024
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	1	03/02/2023
NR/BS/LI/490	Standard/control document affected: NR/L3/ELP/27720 Test Before Touch for Overhead Line Equipment-HISTORIC – REPLACED BY NR/BS/LI/501	4	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	28/07/2021
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/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-HISTORIC 01/06/2024	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 HISTORIC 01/06/2024 – Superseded by CRE/805	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 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





Current Special Inspection Notices

Reference	Title	Issue	Date
NR/SIN/219	Mallatite Lightweight Adjustable Brackets	1	24/05/2024
NR/SIN/218	Collis Point Machine Fixing Plates	2	22/03/2024
NR/SIN/217	Inspection of Signal Overrun Protection Effectiveness at Level Crossings	1	24/11/2023
NR/SIN/217/APPENDIX A	Inspection of Signal Overrun Protection Effectiveness at Level Crossings – Appendix A	1	24/11/2023
NR/SIN/216	Replacement of Frauscher IMC040 Boards with IMC0404A Boards in Vamos Crossing Systems	1	11/03/2024
NR/SIN/215	Escalator Step Vinyl Graphics	1	01/07/2023
NR/SIN/214	Survey of Morris Line Engineering (MLE) 1250Amp Disconnectors High Level Position "micro" switches Indication Assemblies	1	28/06/2023
NR/SIN/213	Survey of Morris Line Engineering (MLE) 1250Amp Disconnectors	1	28/06/2023
NR/SIN/212	Application of Nord-Lock washers with Frauscher wheel sensors associated with Vamos level crossings	1	27/04/2023
NR/SIN/210	Investigation into the Diversity for Critical Signalling Services provided over FTN and FTNx	1	13/07/2022
NR/SIN/207	Duvine DD920 Battery Chargers	2	18/04/2024
NR/SIN/206	Managing wheel strike risk at cast obtuse crossings	2.2	12/01/2022
NR/SIN/206/RECORD	Managing wheel strike risk at cast obtuse crossings - Workbook	1	24/12/2021
NR/SIN/204	Special Inspection Notice of Operational Property Buildings for inspection of pitched roofs gable walls	1	17/06/2021
NR/SIN/202	Safety of DTS CCTV Polecat System	1	30/07/2021
NR/SIN/199	Safety of Machinery in Network Rail Owned and Operated Depots and Facilities	1	21/01/2021
NR/SIN/196	Risk Assessment and Inspection of Longitudinal Bearer Systems	1	29/07/2020
NR/SIN/188	Removal of Howells BR985 (Mk2) Re-Engineered Hydraulic Level Crossing Barrier Packs	1	11/03/2019
NR/SIN/184	Control and Documentation of Maintenance Boundaries (track)	1	22/01/2019
NR/SIN/180	Level Crossing Train Detection Configuration	1	12/03/2018
NR/SIN/180 Appendix B	Level Crossing Train Detection Configuration – Appendix B	1	12/03/2018
NR/SIN/173	Management of risk at User Worked Level Crossings equipped with Power Operated Gate Openers (POGOs) or with both Barriers and Miniature Stop Lights (MSLs)	1	26/04/2018
NR/SIN/173/Appendix F	Management of risk at User Worked Level Crossings equipped with Power Operated Gate Openers (POGOs) or with both Barriers and Miniature Stop Lights (MSLs) - Appendix F	1	26/04/2018
NR/SIN/173/Appendix E	Management of risk at User Worked Level Crossings equipped with Power Operated Gate Openers (POGOs) or with both Barriers and Miniature Stop Lights (MSLs) - Appendix E	1	26/04/2018
NR/SIN/173/Appendix D	Management of risk at User Worked Level Crossings equipped with Power Operated Gate Openers (POGOs) or with both Barriers and Miniature Stop Lights (MSLs) - Appendix D	1	26/04/2018
NR/SIN/173/Appendix C	Management of risk at User Worked Level Crossings equipped with Power Operated Gate Openers (POGOs) or with both Barriers and Miniature Stop Lights (MSLs) - Appendix C	1	26/04/2018
NR/SIN/173/Appendix B	Management of risk at User Worked Level Crossings equipped with Power Operated Gate Openers (POGOs) or with both Barriers and Miniature Stop Lights (MSLs) - Appendix B	1	26/04/2018
NR/SIN/170	Manage risk of extended closure times at automatic level crossings	2	01/02/2019
NR/SIN/169	VT1 Type Relays Inspection	3	26/06/2020
NR/SIN/166	Inspection of Howells Re-Engineered Level Crossing Power Packs	1	22/05/2017
NR/SIN/162	Inspection of Dorman Classic and CLS LITE LED Signals	2	08/11/2018
NR/SIN/160	Covtec Supplementary Audible Warning Device (SAWD)	2	20/04/2020
NR/SIN/158/Appendix C	Trunnion Bolt Replacement SINAC Form	1	18/11/2016
NR/SIN/158	Level crossing pedestal trunnion bolts	1	18/11/2016
NR/SIN/143	Special Inspection of Architectural Features attached to Station Building Assets	3	24/04/2015
NR/SIN/105	Inspection of Vossloh Type Baseplate Scres in RT60 & NR60 S&C	2	25/03/2022





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 8.1







Controlled Document List 01 June 2024

Key



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 Possession Workers Manual	10	09/2024
GERM8000 Track Workers Manual	12	09/2023
GERM8000 Track Workers Manual	13	09/2024
GERM8000-master-module Master Manual	13.1	11/2023
GERM8000-master-module Master Manual	14	09/2024
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	7.1	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	А3	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





LONDON UNDERGROUND (LU) STANDARDS		
Ref. / Title	Issue No	Issue Date
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
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	132	06/2024
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/086 Management of Earthworks	12	06/2024
NR/L2/CIV/1000 Competence Management for Buildings and Civils Infrastructure	3	03/2024
NR/L2/CIV/1000 Competence Management for Buildings and Civils Infrastructure	4	06/2024
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	3	03/2023
NR/L2/CIV/1000 Competence Management for Buildings and Civils Infrastructure	4	06/2024





Ref. / Title Issue Date NR/L3/CIV/0001 Management of Road Vehicle Incursions (RVI) 3 12/2022 NR/L3/CIV/006 Structures, Turnels and Occupational Property Examinations 11 03/2023 NR/L3/CIV/006 Structures, Turnels and Occupational Property Examinations 12 06/2024 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 Turnels 2 11/2021 NR/L3/CIV/185 Reporting and Investigation of Gentechnical Incidents 5 12/2023 NR/L3/CIV/190 Developing Extreme Weather Plans 1 12/2021 NR/L3/CIV/190 Working at the Highways Interface 1 12/2021 NR/L3/CIV/603 Working at the Highways Interface 1 12/2021 NR/L3/CIV/604 Highways Interface Manual 1 12/2021 NR/L2/CPR/201 Supplier Qualification 2 12/2011 NR/L2/CPR/202 Supplier Qualification - Core Requirements (For PCL / POL Holders) 2 09/2011 NR/L2/CPR/201 Standards and Controls Management Manual 8 06/2020	NETWORK RAIL STANDARDS	Limited	Assurance and Compliance Service
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/0065 Structures, Tunnels and Occupational Property Examinations 12 06/2024 NR/L3/CIV/0063 Pilling, Drilling, Crane, MEWP and SMPT operations adjacent to the Railway 1 12/2021 NR/L3/CIV/0063 Pilling, Drilling, Crane, MEWP and SMPT operations adjacent to the Railway 2 06/2024 NR/L3/CIV/0063 Pilling, Drilling, Crane, MEWP and SMPT operations adjacent to the Railway 3 06/2023 NR/L3/CIV/100 Work Instruction for the use of Protective Coating Systems 3 06/2023 NR/L3/CIV/100 Sessiment of Tunnels 5 12/2021 NR/L3/CIV/100 Sessiment of Tunnels 5 12/2021 NR/L3/CIV/100 Developing Extreme Weather Plans 1 12/2017 NR/L3/CIV/100 Developing Extreme Weather Plans 1 12/2021 NR/L3/CIV/603 Working at the Highary Interface 1 12/2021 NR/L3/CIV/604 Highways Interface Manual 1 12/2001 NR/L3/CIV/604 Highways Interface Manual 1 12/2001 NR/L3/CIV/604 Usualification 1 12/2001 NR/L2/CPR/201 Supplier Qualification 1 2 12/2001 NR/L2/CPR/201 Supplier Qualification 1 2 12/2001 NR/L2/CPR/202 Supplier Qualification 1 2 12/2001 NR/L2/CFR/201 Competence Management Manual 8 06/2020 NR/L2/CTM/001 Competence Management Manual 8 06/2020 NR/L2/CTM/001 Competence Management 9 1 12/2006 NR/L2/CTM/001 Competence & Training in Civil Engineering 9 1 06/2006 NR/L2/CTM/025 Competence & Training in Track Safety NR/L2/CTM/025 Competence & Training in Track Safety NR/L2/CTM/025 Competence & Training in Sessesment 1 12/2010 NR/L2/CTM/200 Competence & Training in Sessesment 1 12/2010 NR/L2/CTM/201 Competence & Training in Managing Site Safety NR/L2/CTM/202 Competence & Training in Managing Site Safety NR/L2/CTM/203 Competence & Training in Managing Site Safety NR/L2/CTM/		Issue	Tesus Date
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NR/L2/ELP/27402 Specification for protection and control devices for electrical	NR/L2/ELP/27307 Management of M&EE Safety Related Event Reports	4	12/2017
systems 1 12/2009	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	•	4	12/2023
NR/L2/ELP/27716 Electrical and Mechanical Clearances On Overhead Electrified Railways 1 12/2023	• • •	1	-
NR/L2/ELP/27717 Bridge Parapet Electrical Risk Assessment 1 03/2023		1	





NETWORK RAIL STANDARDS		
Ref. / Title	Issue	Issue Date
	No	
NR/L2/ELP/27722 Protection Principles for A.C. Electrified Railways NR/L2/ELP/27800 Specification for 25 kV a.c. Earthing Pantographs and Interface with	1	03/2023
Vehicle (On Track Plant or Road Rail Vehicles)	1	12/2020
NR/L2/ELP/CTM033 Competence and Training in OLE Electrical Safety	2	03/2024
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	4	09/2018
Possessions of the Line NR/L3/ELP/27115 Planning DC Conductor Rail Isolations	5	06/2024
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	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)	2	06/2023
(For Early Deployment in North West and Anglia Routes) NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI)		
(For Early Deployment in North West and Anglia Routes)	3	06/2024
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 (see NR/L2/OHS/CP0036 June 2024)	4	08/2008
ND // 2 /TANY/2004 Departure and Translation May	_	00/2024
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	3	12/2022
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	21	03/2024
NR/L3/MTC/MG0213 Index of Standard Maintenance Forms	22	06/2024
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/CP0036 The provision of welfare facilities for temporary and transient work activities (formerly NR/L3/INI/CP0036)	5	06/2024
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





Consulting	Limited	Assurance and Compliance Service
NETWORK RAIL STANDARDS	Tecue	
Ref. / Title	Issue No	Issue Date
NR/L3/OPS/0064 Delivering Work within Possessions – Replaces NR/L3/INI/CP0064	6	06/2021
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	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 Froduct Design for Reliability NR/L2/RSE/02009 Engineering Management for Projects	8	03/2023
NR/L2/RSE/070 Engineering Planagement for Projects NR/L2/RSE/070 Engineering Verification	3	03/2022
	7	_
NR/L2/RSE/100 Network Rail Acceptance Panel processes		12/2021
NR/L2/RSE/100 Network Rail Assurance Panel processes	8	06/2024
NR/L2/RSE/CONM/001 Construction Management for Projects	2	12/2023
ND U.4 / DOV 1004 Network Dell Disk Deller	2	00/2010
NR/L1/RSK/001 Network Rail Risk Policy	3	09/2019
ND /L 2 /SCO /202 Supplier Qualification Dequirements	1	06/2020
NR/L2/SCO/302 Supplier Qualification Requirements 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/313 On-Track Machines (OTMs) Driver and Operations Standards Manual	14	06/2024
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
Replaces 1419 E1/1141 / 02232 135de 2		
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/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	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	7	12/2023
Crossing Engineering ND // 3 / STC / F00/40 Temperatus Speed Restrictions replaces ND // 3 / STC / MC0110	 	•
NR/L2/SIG/50040 Temporary Speed Restrictions replaces NR/L3/SIG/MG0110	1	12/2021





NETWORK RAIL STANDARDS		
	Issue	
Ref. / Title	No	Issue Date
NR/L2/SIG/50050 Topographic, engineering, land and measured building surveying – Signalling	1	09/2023
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/10661 Signal Maintenance Task Intervals	26	06/2024
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
Equipment		
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/L3/TEL/30181 Telecoms Maintenance Work Instructions Handbook	11	06/2024
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	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	46	03/2024
NR/L3/TRK/003 Index of Track Engineering Forms	47	06/2024
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)	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 Pesticides Regulations 1986	1986 No. 1510
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 36	Sep 2023	Rule Book Module Issue History	This document contains updates to align with changes to Rule Book module issues (GERT8000).
GERT8000 Issue Iss 37	Sep 2024	Rule Book Module Issue History	This document contains updates to align with changes to Rule Book module 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 Issue HB Iss 18	Sep 2023	Rule Book Handbook Issue History	This document contains updates to align with changes to Rule Book Handbook issues (GERT8000).
GERT8000-RBBL Iss 39	Sep 2024	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 40	Sep 2024	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 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.
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).





Rule Book			
Doc No & Issue	Issue Date	Title	Synopsis
GERT8000-HB1 Iss 8	Sep 2024	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	Nov 2022	Handsignalling duties	This handbook is for those personnel who carry out handsignalling duties.
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-HB6 Iss 8	Sep 2024	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-HB7 Iss 9	Sep 2024	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-HB8 Iss 10	Sep 2024	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-HB11 Iss 11	Sep 2024	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-HB12 Iss 10	Sep 2024	Duties of the engineering supervisor (ES) in a possession	You will need this handbook if you carry out the duties of the ES 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-HB15 Iss 7	Sep 2024	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.





Rule Book	Rule Book		
Doc No & Issue	Issue Date	Title	Synopsis
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.
		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-OTM Iss 12	Sep 2024	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.
GERT8000-T3 Iss 12	Sep 2024	Possession of a running line for engineering work	You will need this module if you carry out the duties of a driver or signaller.
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





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

<u>Code of Business Ethics</u> (web page) <u>Modern Slavery</u> (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://safetv.networkrail.co.uk/tools-resources/safetv-bulletins/

You can refine your search by:

Bulletin type

 Archive - Lessons Learnt Archive - Safety Bulletins

- Safety Advice
- Safety Bulletin
- Safety Alert
- 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

- Safety Bulletin NRB24-09 Konux Sensor Incident August 16, 2024
- Safety Bulletin NRB24-08 Staff assaults June 18, 2024
- <u>Safety Bulletin NRB24-07 Near miss between Road</u> Rail Vehicle and Rail Delivery Train Operative at Raynes Park June 26, 2024

Safety Advice

No new advice

Other documents

Health Bulletin NRH24-03 – Ticks and Lyme Disease June 27, 2024

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.

Network Rail Safety Central





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



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

Useful Links





Item

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

Details

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/standardscatalogue#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
- <u>Electrical Safety Step Up Slide Deck OLE No Films</u> PPTX / 4 Jan 2023
- <u>Electrical Safety Step Up Slide Deck Conductor Rail Equipment No Films PPTX / 4</u> Jan 2023
- Bryant's story MP4 / 4 Jan 2023

Drugs and Alcohol standard (supplier page)

<u>Drugs and Alcohol standard (supplier page) - Safety Central (networkrail.co.uk)</u>

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.

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







Miscellaneous

Safety & Environment Post Accident & Incident Management



Overview

Accidents and incidents provide opportunity for learning and continuous improvement, it is therefore imperative that these are reported and actively managed to enable robust and timely investigations. The following steps support this process.

Within same shift as event



Event reported to Route Control by the Principal Contractor Report is as near real time as possible but within the same shift



Initial Fast Facts circulated by the Principal Contractor Principal Contractors can use their own template/form Minimum requirements detailed below

Within 24 hours



Initial details of the event to be recorded on IRIS Note: Initial level 1 investigation to be approved by Supplier Designated Competent Person (DCP) and logged on IRIS within 7 days of the event

Within 48 hours



An Initial Event Review must take place for all serious accidents or incidents or those with high potential. Review arranged by Supplier Team with involvement of the Network Rail delivery team. Outputs to be documented and shared.

Fast Facts - Minimum Requirements

There is no mandated template, however good practice examples are available if requested.

- Route Control reference number
- Date and time of event
- Project name and number
- Location of events (incl. specifics such as structure number, site address etc)
- Type of event (injury to person, damage, environmental, operational close call etc)
- Description of event (what happened in summary)
- Immediate action taken (e.g. making an area safe, D&A testing etc)
- If injury to a person, the status of injured person
- Photos (including description to aid understanding)
- Next steps (further investigation being undertaken, lead organisation etc)
- Factors for consideration (things that you might suggest others need to consider)

Initial Event Review - Minimum Outputs

The initial event review meeting is an opportunity to evaluate the effectiveness of action taken, agree any immediate causes identified and plan the investigation process. There is no mandated template to document the outputs, however good practice examples are available if requested.

- Stakeholders identified
- Action taken thus far evaluated and recorded
- Immediate learning to be shared and how (e.g. safety alerts, bulletins, CLIC etc)
- Agreed description of event and cause(s)
- Clear, agreed, return to work criteria
- Timescales for reporting to regulators, if required
- Plan for investigation, evidence gathering and sharing learning
- Confirm suitability of lead organisation and remit
- Agreement on report approvals and dates for draft / final reports
- Identify those requiring evidence of action closure.









L2W Stage 3 – Energisation between Kettering North and Wigston South Junction

All OLE and Distribution equipment from SPC3 72miles 676yards to 95miles 350yards (between OLE structures SPC3/116/491 and SPC3/153/208) including Braybrooke ATFS & Neutral Section, East Langton ATS, Wigston MPATS & Neutral Section & PES, Kettering North (Fasts) TSS, Market Harborough North TSS, Kilby Bridge Junction TSS

25kV Traction Supply for Corby PSP (OLE Structure GSM1/127/626), Kettering PSP (OLE Structure SPC3/116/081), Wellingborough PSP (OLE Structure SPC3/105/693) and Sharnbrook PSP (OLE Structure SPC2/91/292).

WARNING

The new overhead line equipment at this location shall be energised at 25,000V AC

AND MUST BE TREATED AS LIVE AND DANGEROUS

NOW

If additional information is required, please contact one of the following:

Jorge Roque Senior Portfolio Manager Network Rail - MPP-EM Derby 07711 601 770

jorge.roque@networkrail.co.uk

Chris Morgan-Jones
Designated Project Engineer
Network Rail - MPP-EM
Derby
07711 601 983
chris.morgan-jones@networkrail.co.uk

Derby Electrical Control Room Ext. 0330 854 9150 / Int. 0854 9150 derbyecr@networkrall.co.uk

IN AN EMERGENCY: Dial 178 from any railway telephone or call Ext. 0330 854 9150 / Int. 085 49150, or Ext. 0330 854 0970 / Int. 085 40970







Granting Possessions

Issued to: Signallers / Shift Signaller Managers

 Ref:
 NSL/OPS/030

 Date of issue:
 24/07/2024

 Location:
 National Issues

Contact: askoperations@networkrail.co.uk

Overview

There have been several incidents where T3 Engineering Possessions have been granted without all signallers having been made aware of the arrangements.

Many locations use a "Leading Signaller" to agree all the details with the PICOP. "Leading Signaller" is not a role that is recognised in the rule book.

This has led to occasions when a PICOP was granted authority to place protection with trains still being within the limits of the possession or where a possession was granted without all affected signallers having been advised. This resulted in people working on our infrastructure without adequate protection due, due to the line not being protected as required by Rule Book Module T3.

RAIB investigated a serious near miss at Camden Junction South and identified the practice of Lead Signallers contributed to the incident. This led to a recommendation requesting that Network Rail review the Rule Book arrangements for granting a possession.

Update

Following extensive trials and the subsequent review, the Rule Book will be updated in December 2024. Prior to this change, the following process shall be used when granting a possession:

2.1 PICOP confirming the details

The PICOP will contact each signaller, who controls a protecting signal leading to the section of line that is to be taken under possession and will state the published possession reference if there is one.

Remember to always "Take 5 for safety"







Discussion Points

- What are the risks of not correctly protecting a possession?
- Why is it important that everyone involved with a possession have a shared understanding of the arrangements?
- Where a possession is planned at short notice, what strategies do you use to ensure a clear understanding with the PICOP and any other signallers involved?
- What are the barriers that could prevent a clear understanding being reached?
- Local practices and processes may be different, how would you identify where this is different and how will you apply the pending rule book change?
- What strategies are in place which allow you to safely amend the limits of a possession, and who would you need to advise?
- Can you give permission to place detonator protection in another signaller's area of control?
- If you have any questions regarding this publication from the Operations, Safety & Assurance team please email: askoperations@networkrail .co.uk







DHL Haulier Briefing

No. 245 - July 2024



Rail Theft Incident & 'W-H-A-T' Protocol

What Happened:

DHL Subcontractor arrived outside site to find 4 people with a suspicious unmarked vehicle, loading scrap Rail.

Location: Nunhead RRV Access, Oakdale Road, London, SE15 3BW / tunnel.stole.pilots

Information on the Incident:

- Suspicious vehicle seen on site loading Rail
- Iveco Rigid (White) with Hiab reg. DG66 DWG
- 4 people with the vehicle, in Network Rail branded PPE
- DHL Subcontractor parked in front of gate to block exit
- · Driver told his vehicle would be rammed if he didn't move
- Details reported to British Transport Police / Network Rail







√ Site Manager/Security Team

✓ In an Emergency always call 999

Report suspicious activity, vehicles, or people as follows:

✓ British Transport Police: 0800 405040 / Text 61016



WHAT What are they doing?

- · Taking in interest in the site/delivery
- Taking photos or notes
- · Trying to see PIN or access codes
- Tailgating (or trying to)
- Asking questions of drivers
- Wearing non-conforming PPE (plain/unmarked with no company name visible)

HOW How are they behaving?

- Trying to avoid detection (e.g. security/CCTV)
- · Talking to anyone (phone/in person)

ALONE Are they alone or with others?

- · With others acting with a common purpose or waiting together
- Previously seen with others but no longer together
- Trying to make it appear as though they are not in a group

THREAT What type of threat do they pose?

- · Obviously carrying something (e.g. tool/weapon)
- · Trying to conceal something
- · Reacting to others and others to them



Incident, Close Call, or Safety Concern?

Call It In - 03308 577160 / 07540 901630





OFFICIAL

Safety Bulletin



Colleague Fractured Foot

Issued to: Scotland's Railway

Colleagues & Principal

Contractors

Ref: SRB 24-16L

Date of issue: 22/07/2024

Location: Kirkhill

Contact: James McKay, Principal

Health & Safety Manager



Overview

On 13th July 2024, a colleague working for a Principal Contractor was injured whilst disconnecting a log grab attachment from a roadrail vehicle (RRV) during project works at Kirkhill.

The colleague was carrying out Crane Controller duties and was assisting a Machine Operator at the time of the event.

The Machine Operator placed the log grab attachment on the Up cess. The colleague then disconnected the hoses and removed the safety pin to allow the attachment to be disconnected using the RRV's quick hitch - a device that enables attachments to be connected to the machine and changed quickly.

The colleague then moved to what they believed to be a position of safety.

When the Machine Operator disconnected the attachment, it rocked away from its intended laydown area and moved towards the colleague trapping and pinching their left foot.

The Machine Operator immediately placed chains on the attachment and lifted it, releasing the colleague's foot.

The colleague was taken to hospital by ambulance where it was confirmed they had fractured their foot and two toes.

The event is subject to investigation.

Discussion Points

Please discuss this event with your team and review learning from similar events - <u>Safety</u> Central

What opportunities to prevent this event do you think there were?

What control measures could be put in place to prevent a similar event from occurring?

Never assume you are in a position of safety, always double-check.

Always ensure a suitable and sufficient risk assessment has been carried out prior to the activity or task being completed.

Always place equipment and materials on firm, stable ground to reduce the risk of uncontrolled movement.

Part of our group

Safety

Safety

Safety

Shared





Musculoskeletal disorder survey



Musculoskeletal disorders are one of the leading causes of absence in the railway. To better understand this issue, RSSB is launching the first industry wide Musculoskeletal Disorder (MSD) survey.

Survey objectives The objectives of the survey are to:

- Understand the prevalence and type of MSDs rail workers are suffering from and the impact these have on their professional and personal lives.
- Identify the job roles affected by MSDs and, the tasks or factors at work likely contributing to the development of these disorders.
- Present detailed MSD data to the UK rail industry and suggest the areas that need to be prioritised to improve musculoskeletal health of the UK heavy rail workforce. Survey details

The survey will be launched in the w/c 8 July 2024 and remain open until 30 September 2024. The survey can be accessed via a link and QR code and can be completed on a range of devices such as laptops, mobile devices and tablets.

This research is supported by the ORR, ASLEF, RMT, Unite the Union and TSSA. RSSB contact details If you require more information, please contact Dr Kirsten Huysamen (Lead Human Factors Specialist, RSSB):

Kirsten.Huysamen@RSSB.co.uk

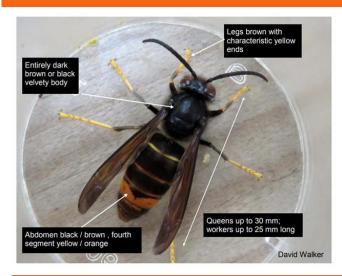






Asian Hornet Sightings What to do





The Asian Hornet is a large wasp which nest together in colonies. They are an invasive species in the UK, preying on native species such as honeybees. Their active season is April to November (peak August/September)

Queens can grow to be about 30 mm in length. The thorax and base of the abdomen are a deep velvety black or dark sooty brown, the tail is orange, the head is black, but with the face deep ochreous orange. The legs are dark brown, fading to yellow at the tips.

What to do if you spot an Asian Hornet

- Do not disturb it. or its nest
- The sighting needs to be reported.
- To report a sighting use the form <u>here</u>, or by emailing <u>alertnonnative@ceh.ac.uk</u>, with location information and a photograph.





Scan here for the reporting form:



Asian Hornets' Nest

Insect Look-A-Likes



This is an European Hornet



This is a Giant Wood Wasp



This is a Wasp





Shared Learning: Swivel Hook Failure



Description of Event

Whilst lifting pre-cast concrete (PCC) units, a 7-tonne swivel hook failed. Fortunately, the load fell approximately 150mm onto soft ground with no injury to personnel or damage to the PCC unit. The load, including lifting accessories was 5.5 tonne which was well within the capabilities of the hook.



Investigation Findings

- · An identical lift was carried out on another part of the site without any incident.
- Due to the location of the work near houses, a privacy bar was added to the site CCTV which
 prevented the investigation team from viewing the arrangement of the lifting tackle and
 establish whether the hook was subject to the sideways load.
- It is suspected that the hook was wedged sideways from when it was attached to the machine. When the PCC unit was lifted initially the hook slipped to the vertical position which with the weight of the PCC unit on the hook, caused the fractures to the hook basket.
- The subcontractor lift planner was assessed and deemed competent to undertake the role of Appointed Person (AP) using a formal process. The AP was deemed competent due to their skills, knowledge, attitude, and experience. The individual had not received any formal training to undertake the role
- · The operatives were not using Duplex communications during the lifting operation.
- After the event, the hook was inspected by the manufacturer and supplier. Both parties
 reported that the swivel hook failed after it was subjected to a sideways load before lifting
 the PCC unit.
- The sideways load is likely to have fractured the hook basket which led to the failure of the hook when required to take the full load. Scrape marks in the paint on the swivel hook support the analysis of the metal failure.

Actions Taken

- RM3 assessment to be undertaken to focus on improving control of contractors through induction, review of competencies and assessment of hazards management.
- Lift Planners to consider using a drop chain to reduce the risk of items being snagged.
- Project Teams to review the competence of all subcontractor's staff planning high risk work





High Street Environment Working



Do you know how High Street Working can help you?



Network Rail now has two routes open to project teams involved in the design and delivery of rail investment projects: PACE for those projects that impact the operational railway, and 'High Street' for those projects that can be designed and constructed without operational impact.

The High Street route is more than separating the construction stage, it allows for projects to be designed and constructed in line with construction industry good practice rather than railway standards - this provides a great opportunity for increased efficiency e.g. by working directly with the right specialists with the latest innovative technology on non-operational jobs such as office buildings, solar panels and e-vehicle charging infrastructure.

What are the benefits of using this method over traditional railway construction?

Improved speed, sustainability, quality of design and whole life costs have been reported on projects we've trialled so far. Four maintenance delivery unit design and build projects have reported savings of 30% and above with another project reporting around 15%. In total, we have 44 projects that have submitted their high street classification to the NR Assurance Panel - that's approximately £300m in value over 2.5 years.

How can I find out more information about this?

The High Street working standard can be found <u>NR/L3/OHS/005</u>. If you want to know more information about High Street working and how this can apply to your projects, contact <u>CentreofExcellence@networkrail.co.uk</u>







Works Delivery Fast Facts

Date of Incidents: 24th May & 30th May 2024 Accident type: Line Blockage Irregularities



What Happened:

On Friday 24th May at 02:49 a Signaller noted that a Track Circuit was showing as occupied outside of a Line Blockage. Upon investigation, it was found that a TRT had been operating outside the limits of the line Blockage.

A MOM attended site & the Team members were stood down & for-cause testing was undertaken.

On Thursday 30th May at 01:15 a Signaller advised that a Track Circuit was showing as occupied. Upon investigation, it was found that a Track Trolley had been pushed outside of the limits of a Line Blockage.

A MOM attended site & the Team members were stood down & for-cause testing was undertaken.

Whilst we must let the investigations take their course, there are Some immediate commonalities between the two incidents

- Communication & reaching clear agreements/understandings
- Safe Systems of Work, site familiarity & changes to SSOW
- Safety Critical Briefings being suitable & sufficient
- Site Management & resourcing selections

Both events had the potential to cause significant harm to staff working on lines open to traffic in the dark, with plant & equipment whilst under the impression they were in positions of safety.

These two irregularities are subject to ongoing investigation. More information will be published upon completion of this investigation.





OFFICIAL

Safety Bulletin

A serious incident has taken place



Colleague groin injury

Issued to: Scotland's Railway colleagues and

Principal Contractors.

Ref: SRB 24-12L
Date of issue: 28/05/2024
Location: Cowlairs lunction

Contact: Alisha Baird, Glosgow DU

Workforce Health, Safety and Environment Advisor



Re-enactment of event

Overview

On 14th May two of our colleagues were carrying out routine maintenance renewing a seized bolt on a check rail at Cowlairs West Junction.

The injured colleague had cut most of the way through the bolt with a disc cutter before their colleague used a hammer to remove it, whilst they stood clear. This is a very common task across the railway.

The bolt was freed on the first blow but unfortunately our colleague was hit in the groin either by the bolt that broke off or a piece of ballast, requiring them to be hospitalised for treatment.

Discussion Points

Have you or your team encountered projectiles when undertaking this or any other kind of work?

How do you or your teams remove seized bolts?

Have you seen alternative tooling or a safer process?

This event highlights the importance of wearing eye protection at all times, even when you or your colleagues consider yourselves to be in a safe position.

Part of our group of Safety Bulletins Safety Alert

Safety Bulletin Safety Advice Shared Learning





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

Safety 3-4-3™

Autumn 2024 Issue 92

Safely & Sustainably



Consulting Limited

home safe

every day

Scan or click on QR

code to confirm briefina



Sunday 27 October 2024 02:00 a.m. BST

clocks go back one hour to

01:00 a.m. GMT



CLOCKS BACK - BRITISH SUMMER TIME END

Days are getting darker for longer in the coming months:

- Your body clock changes and you start feeling more tired. Make sure you are well rested for your next shift.
- Keep a safe distance driving conditions change and you're prone to a drop in your reaction times.
- Workplace accidents tend to be areater in both frequency and severity - do not become complacent.

Spoken Safety Critical Communications - Reaching a Clear Understanding

Railway spoken safety critical communications are vital for delivering safe and productive work.

A key aspect of spoken communications is reaching a clear understanding between all parties involved. Clarity in spoken communication prevents misunderstandings that could lead to possession/line block irregularities, near misses, close calls, accidents or train delays.

Reaching a clear understanding relies on active listening - fully concentrating, understanding, and responding thoughtfully to ensure clear communication and mutual understanding.

After receiving a message, the receiver must repeat it back to the sender to verify accuracy. Avoid repeating back in a parrot fashion by focusing on understanding and confirming the intent and accuracy of the information, rather than merely echoing the words.

critical situations, where even minor misunderstandings can have severe consequences, adherence to the ABC-P principle is essential. Continuous practice and strict adherence to these communication protocols are crucial for maintaining the safety and reliability of railway operations.







ACCURATE:

Ensures that the information exchanged is correct and precise.

BRIEF:

Focuses on conveying messages succinctly, avoiding unnecessary details that might cause confusion.

Ensures that the language used is unambiguous, with both parties fully understanding the message.

PROFESSIONAL: Underscores

the importance maintaining a disciplined and structured communication style, vital for safetycritical environments.

MAKE SURE YOU REACH A CLEAR UNDERSTANDING. REMEMBER: ASSUMING IS GUESSING!

Everyone Home Safe Every Day

Every day, thousands of rail workers, which includes Bridgeway staff, leave their homes to work on the railway. There is nothing more important than every one of us returning home safe,

every day.

We believe that safety is personal, and that everyone has a reason(s) to get home safe everyday; it might be spending time with your partner/children/grandchildren, meeting friends, watching your favourite sport or doing a hobby. These reasons should compel us to think and act differently and not take risks.

When people take risks at work, things can go wrong without warning and it can have a major impact on your life, both at work and at home. At best, you may be lucky and only need a short time off work, and at worst, you may be unfortunate to suffer lifechanging injuries or sadly, even death.

Everybody has a responsibility to work safely and challenge unsafe behaviours and conditions when they see them, whatever role they are undertaking and however experienced they may be.

Everyone Home Safe Every Day epitomises Bridgeway's philosophy for Exceeding Expectations Everywhere Safely and Sustainably. It's not just about doing and completing the job. Remember your personal reason(s) for going home safe and healthy. We want you to focus on that as well as 'doing the job' and doing it well.



WHAT'S YOUR REASON FOR GETTING HOME SAFELY?

Situational Awareness There have been many incidents

and near misses where trains were signalled into/towards Possessions/Line Blockages and staff working/walking outside of their planned safe working limits. Situational awareness is key to your safety on the railway. Increase your situational awareness to ensure your safety:

- Check all site documentation contains correct diagrams and relevant extracts from the Hazard Directory and Sectional Appendix.
- Check your SWP covers your access and work.
- Identify points of reference i.e., Signal Numbers, Mileages Posts, Access Point Signage, Structure Numbers, Point Numbers to:
 - o Confirm you are in the correct location when going on or near the line.
 - o Ensure you are not straying outside of your safe working limits.

- Reach a clear understanding of all instructions when communicating with Signallers, PICOPS, or vour workgroup.
 - Line Blocks. Which lines are blocked, the limits of the Line Blocks and do they cover your location of work?
 - o Protection. Which Lines are Blocked/Open and the direction you will be walking after entering the access point.
 - o Exact location to place your protection.
- o Safe Working Limits. Ask your workgroup open questions at the end of your briefing to confirm their understanding.
- Avoid distractions. Your situational awareness levels drop with unnecessary conversations or
- Move to a position of safety if you feel unsure or lose your situational awareness. Take 5 and review your SWP/Diagrams. Seek advice if needed.

BE AWARE OF WHERE YOU ARE AND WHAT'S HAPPENING AROUND YOU.



360° Awareness

Always scan what is directly around you and in the distance. It will give you an enhanced view of any immediate hazards and allow you to keep checking for points of reference.



Designated Sites

Nature sites and areas of countryside can be 'designated', which means they have special status as protected areas or sites because of their natural and cultural importance. These can be:

- Sites of Special Scientific Interest (SSSI) or Areas of Special Scientific Interest (ASSI).
- Special Protection Areas (SPA).
- Special Areas of Conservation (SAC).
- Marine Conservation Zones (MCZ).
- Local Nature Reserves (LNR).
- Sites of Importance for Nature Conservation (SINC).
- Ramsar Sites (Wetland).
- Tree Preservation Orders (TPO).

Associated with Protected Sites, Protected Species or Ancient woodland are habitats. The most common habitats of Principle Importance in England along the railway are Woodlands, Hedgerows and Watercourses. Whilst many Protected Sites are designated because they contain Protected Species, others are protected for other reasons but still provide habitat for protected

There are certain things you cannot do in designated areas without consulting Natural England and getting consent first. Even with Natural England's consent, you may still need to get the necessary permissions required to undertake the operation lawfully. This may include additional permissions from other authorities or private permissions, for example access permission. Check the Ecology report, TBS & Hazard Directory.

You are responsible for finding out if your work is likely to affect a protected area or site. The following websites provide information on designated sites:

- https://designatedsites.naturalengland.org.uk
- https://magic.defra.gov.uk/home.htm



If working in or near a protected site, make sure any works to be carried out (including access through a protected site) has been agreed with an ecologist and Natural England. Ensure that a copy of the Natural England Assent is available during works.

Whilst on site, look out for signage that marks out protected sites. If you are unsure or if there are any concerns, contact your Project Manager.

Bridgeway PPE Policy



USE OF UNAPPROVED PPE IS NOT ALLOWED.

MINIMUM PPE REQUIRED ON ALL BRIDGEWAY SITES

DO NOT WEAR HOODIES AS THEY IMPAIR YOUR HEARING AND RESTRICT YOUR SIGHT.

DO NOT USE NON-BRIDGEWAY BRANDED PPE WHEN WORKING FOR BRIDGEWAY.

Always wear PPE appropriate for the task/equipment. Additional PPE may also be identified by task work plans / task briefings, equipment manufacturer recommendations or Client requirements.

Keep your PPE clean and well maintained. PPE that has worn out or has been damaged must be replaced. Speak to your Line Manager/Operations Support.

The following video is available on the Bridgeway Intranet and Help App:

• Bridgeway PPE Policy Video







You can report, view and track the status of your Close Call via the Bridgeway Help App or go to closecall.bridgeway.consulting.

CLOSE CALL OF THE YEAR AWARD.

All Close Calls of the Month will be entered for the Close Call of the Year award in December 2024. The winner will receive a prize of £500.

I Said: Fast running water under structure meaning it was unsafe to put ladders up.

Gregg Lewis, Examinations

I Did: Spoke to Line Manager and agreed to carry out additional exam visually from ground level .

I Said: Glass ripped PPE from fall onto broken bottle. No injuries but close called due to nature of incident Joshua Shenstone, Site / Ground Investigation

I Did: Reevaluate site debris and ensure we looked closer to ground conditions before continuing work. COSS and Engineer re-briefed.

I Said: Bird nest found on pre-site bird nesting check. Sorin Titan, Examinations

1 Did: 5m exclusion zone set up around nest.

I Said: Hypodermic needle found during exam in Arch/Span 4 by examination team. Matthew Langley, Examinations

I Did: Informed Bridgeway sharps picking team on site who were able to remove needle safely.

[Said: Unsafe loading, I was walking back round to the office when I noticed a generator and fuel on the passenger seat of a pool vehicle (Connect). Daniel Driscoll, Operations Support

I Did: Took the generator out of the van and told the driver the dangers of this, and offered alternatives to loading of his vehicle. I then reported this to the Fleet Manager

2024 Close Calls of the Month



I Said: Team arrived at site and found access gate on Upside of track however sign stated it was the Downside. Close Call raised, COSS checked sides of track were as he thought and not as per the gate sign before taking line blocks.

Guy Strickett, Examinations



I Said: Bearing packing left on cross girder top of bottom flange. Danger of it falling off on top of passing vehicles. removed the bearing

packing.

Manikidzai Chizema, Examinations



I Said: The signalling diagrams for NW&C Rugby to Crewe V28 are missing the level crossings on the Kidsgrove to Crewe lines (Page 68-69). Sectional appendix is not given out to PICOPs and this weekend I was moving trains down this line.

Thankfully I have access to a copy of the sectional appendix so this isn't an issue.

Liam Furniss, People and Development Team

I Said: Duck eggs found at the structure. Sorin Titan, Examinations

I Did: Identified at the pre-work environmental checks and set up exclusion zone.

Safety First (NOT!!!) What more can we say?



ders ratchet strapped together









Check The Breast Tissue To Avoid An Issue

Breast cancer is the most common cancer in the UK with around 55,900 people diagnosed every year. Breast cancer is when abnormal cells in the breast begin to grow and divide in an uncontrolled way and eventually form a growth (tumour).

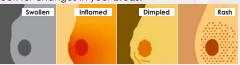
How to check your breasts

You do not need any training. Everyone will have

their own way of touching and looking for changes. Walk your fingertips in a spiral around your whole breast area, including up to your collarbone (upper chest) and armpits.



Look for changes in your breast



Look for changes in your **nipple** and for changes you can feel **moving or fixed**.







Get used to checking regularly and be aware of anything that's new or different for you. The sooner breast cancer is found, the more successful treatment is likely to be. Get any new or unusual changes checked by a GP.

Signs and symptoms of breast cancer

- A lump or swelling in the breast, upper chest or armpit
- A change to the skin, such as puckering or dimpling
- A change in the colour of the breast the breast may look darker, red or inflamed
- A nipple change, for example it has become pulled in (inverted)
- Rash or crusting around the nipple
- Unusual liquid (discharge) from either nipple
- Changes in size or shape of the breast

Although rare, men can also get breast cancer. The most common symptom of breast cancer in men is a lump in the chest area.

Most breast changes, including breast lumps, are not cancer. On its own, pain in your breasts is not usually a sign of breast cancer. But look out for pain in your breast or armpit that's there all or almost all the time.

Breast Cancer Risks and Tips to Reduce Them

Health Matters

Breast cancer risk can be affected by age, family history and lifestyle factors, including obesity and smoking. Tips To Reduce Your Risk:

- Drink less alcohol: Research shows that cutting amount of alcohol you drink lowers your risk of developing breast cancer.
- Get active: Being physically active reduces risk possibly because exercise lowers levels of insulin, hormones and growth factors in the body.
- Maintain a healthy weight: Research shows that keeping a healthy weight reduces the risk of 13 different types of cancer including breast cancer.
- Eat more fruit and veg: A diet rich in fruit and vegetables can have a preventive effect against breast cancer.
- Be aware of harmful chemicals: Many chemicals in everyday products and the environment may affect your risk of breast cancer.







Cancer Research UK

Breast Cancer Now

Macmillan Cance Support

Applying Classroom Training in the Workplace with Mentorship

MENTORSHIP

To help you transition from classroom training to practical application in the workplace, you will be supported through mentorship by an experienced Bridgeway Mentor.

Roles in Mentorship:

- Mentor's Role: Provide guidance, shares their knowledge, skills, experience and best practices, provides advice, feedback, encouragement and support.
- Your Role: Engage actively with the Mentor, seek advice and guidance, communicate openly, show initiative and open to feedback/critique.

This will help you stay focused, motivated, and confident. Practice and Reflect Apply kills learned and reflect Understand what

Apply skills learned and reflect. Understand what you did well, what you need to work on, and how you can improve i.e., identify and address any challenges, gaps, or difficulties.

Break tasks into steps and schedule check-ins.

Seek Feedback

Create an Action Plan

You should ask your Mentor for specific, constructive, and honest feedback on your work, performance, and behaviour. You should also be open-minded, respectful, and grateful for their feedback, even if it is challenging or critical. Remember that feedback is not a personal attack, but an opportunity to grow and learn.

Utilise Available Resources

Engage in continuous learning and development by accessing all available training materials, tools, and support. See your Trainers for help.

Build Confidence

Start with smaller tasks. Learn from mistakes and celebrate your progress and achievements. This will help you boost your confidence, motivation, and self-esteem, and inspire you to keep learning and improving.

MENTORING GOAL SUPPORT COACHING

Feedback Loop

Specific and constructive feedback fosters continuous learning. Feedback is essential for improving your skills, identifying your strengths and weaknesses, and overcoming your fears and doubts.

Reach Out

With Mentor support and a proactive approach, you need to effectively apply newly learned skills that will contribute to your success. Don't be afraid to reach out to your Mentor or supervisor for assistance or if you have any questions.

Ultimately, mentoring programs in the workplace helps you as a Mentee to look beyond your immediate tasks to focus on growing your skills and nurturing the mindsets that will set your career up for success.

Bridgeway Behavioural Safety and Values

The following will help you apply what you learned

in the classroom and make the most out of your

You and your Mentor should agree on what you

want to learn, how often you will communicate,

and how you will measure your progress. Align with



mentorship:

Set Clear Goals

your job responsibilities.

Our Behavioural Safety and Values is part of our Target Zero programme and it underpins our health, safety and behavioural values. It sets out what is expected of all Bridgeway Frontline Staff, Supervisors, Managers, Directors and Subcontractors.

Bridgeway's Behavioural Safety and Values have been recently refreshed. Scan or click the QR code to view it.



We all have a part to play in working, driving and behaving SAFELY and SUSTAINABLY.

If you have any comments on this or any issue of the Safety 3-4-3TM or Fleet 3-4-3TM newsletter, or any other suggestions regarding close calls, safety behaviours, health, safety, environmental or driving related matters, please contact us at the email addresses shown on the right.

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Fleet 3-4-3™

Autumn 2024 Issue 34

Safely & Sustainably



Consulting Limited







home safe every day



The Driving Lifesaving Rules

More accidents happen to people while driving to and from work than while on the job or at home. The Driving Lifesaving Rules are applicable for everyone - not just those who work on the railway infrastructure:

- Never work or drive while under the influence of drugs or alcohol.
- Never use a hand-held or hands-free phone, or programme any other mobile device, while driving.
- Always obey the speed limit and wear a seat belt.

Be safe always - your unsafe driving behaviours could be life changing for others, not just yourself. We want everyone to go home safe every day.





Autumn Driving

The Autumn season brings cooler temperatures, earlier nights, wetter conditions and changing road conditions creating challenging driving conditions.

- The sun sits lower in the sky and can often cast a strong glare on the windscreen, making visibility challenging. Use headlights to help others see you. Use the visor and wear sunglasses to minimise the sun's glare. Slow down if you're dazzled.
- Autumn also brings increased rain fall. In wet weather it can take almost four times the distance to stop in an emergency. Allow yourself plenty of room to stop in an emergency by keeping a greater distance from the car in front (more than 2 seconds).
- Falling leaves can hide road markings and obscure hazards like potholes and bumps. Wet leaves can be as slippery as

ice. Reduce speed when driving on a road covered with leaves, especially when driving around corners.

Clear your windows of frost, ice or condensation before setting out on a journey. Early morning frost can also create icy patches on shaded areas of the road and across bridges. Reduce your speed and avoid harsh braking as this can cause you to skid.

- Keep your windscreen clean. Check windscreen wipers are effective in clearing the windscreen. Replace them if required and remember to top up your screen wash fluid.
- Clear leaves from your vehicle, especially around the scuttle panel directly under the windscreen.
- Check your tyres for tread depth, condition and pressure. 3mm is the minimum tread to aim for.
- Check bulbs and lights are working and kept clean.

AS THE SEASONS CHANGE, YOU NEED TO ADJUST THE WAY YOU DRIVE.



Tailaatina and Rear-End Collisions

ailgating is a factor in 1 in 8 crashes. Driving too close to the vehicle in front is dangerous, intimidating and causes accidents. Keeping a safe distance from the vehicle in front gives you time to react and stop. Allow at least a two-

second gap between you and the vehicle in front. This is the time needed for thinking and stopping. Dependant on your vehicle type and weight, a greater distance may be

Distractions in a vehicle can also reduce your thinking time and stopping time. Vehicles which have an automatic braking System, also known as Autonomous Emergency Braking (AEB), can stop your vehicle very suddenly and can catch you by surprise if you are distracted.

Link: Thinking and stopping times chart.

Scan or click on the QR codes for rideos about tailgating







TAILGATING IS AN OFFENCE THAT CARRIES A FINE AND PENALTY POINTS.



Sate Loadina Ot Vehicles

As the driver of a vehicle, YOU ARE ULTIMATELY RESPONSIBLE for the load carried on your vehicle, whether or not you were involved in its loading and securing.

Safe loading practices:

- Load large and heavy items first.
- Distribute the load evenly.
- Create a barrier between you and your load.
- Secure your load.
- Flag protruding external loads.

Some vehicles don't have a bulkhead to separate the cargo area from the driver's. The contents of your cargo area could end up in the cab causing serious injury to you in the event of an accident.

Do not put any objects within the drivers cab especially anything that contains flammable liquids, the fumes alone could cause you to feel unwell, endangering your ability to drive the vehicle in the correct manner. Loose items could roll around the foot well and become lodged under your pedals endangering safe operation of the vehicle.

Boat engines over recent times have caused the business to lose money on revisits, laying them down can cause issues like oil and fuel leaking and mixing together causing the engine not to start, please make sure these engines are loaded upright and secured to the side of the vehicle with the rachet straps provided.

If you are uncertain please speak to a member of the stores for further advice. Ask yourself these questions:

- Is the load stable can it slide, topple or fall off?
- Is the load securing equipment in good condition?
- Is there anything loose that might fall off?
- Does the vehicle present an immediate likelihood of causing danger of injury due to its load security or stability?

If you are not happy with how the load is secured or how stable it is, you should make sure that the load is assessed by a competent person and reloaded or re-secured if necessary.

UNSECURED LOADS MAY CAUSE INJURY OR DEATH IN THE EVENT OF AN ACCIDENT.



