

September 2022 ACS Rail Updates

Welcome to the **September 2022** edition of ACS Rail updates.

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

The ACS Team

Content	Page
Changes to Network Rail Standards	2
Making sure you are aware of the relevant standards.....	2
Welcome to the Network Rail Standards Portal	2
New and Up-Issued Standards.....	3
Withdrawn, Closed and Superseded Documents.....	4
Emergency Changes (Previously Known as Letters of Instruction)	5
RSSB - Standards and the rail industry	6
Railway Group Standards (RGSs).....	6
Rule Book (GE/RT8000)	6
Rule Book App.....	6
GE/RM8000 Master Module Manual	6
Controlled Document List 03 September 2022	7
Network Rail Safety Central – Information Section	18
Code of Conduct	18
Network Rail Safety Bulletins	18
Lessons Learnt / Shared Learning.....	18
Health & Wellbeing.....	19
Risk Management.....	19
Resource Library.....	19
SCO 24:7 (Supply Chain – Operations) Telephone	19
Emergency.....	19
To report a crime.....	19
HSE Fatigue and Risk Index (FRI) Calculator.....	19
Useful Links	20
Other Bulletins	23
Track Safety Alliance.....	23
Southern Shield.....	23
Safety 3-4-3 and Fleet 3-4-3	34

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.



Changes to Network Rail Standards

Issue 125: 03rd September 2022 – 02nd December 2022

Making sure you are aware of the relevant standards

Every employee has a duty to comply with any mandatory Network Rail company standards and procedures relevant to their role. It is vital therefore that all employees are aware of which standards are relevant to their area of work, and where to find them.

Welcome to the Network Rail Standards Portal

Network Rail Standards are now made available free of charge to all Network Rail suppliers and partner organisations via this online portal:

https://global.ihs.com/csf_home.cfm?&csf=NR

For this access you will need to do the following:

- Create an online account by clicking My Account and selecting Create New Account.
- Search for the standard(s) that you wish to obtain and click Add to Cart
- When you have finished shopping, click on Cart then click on View Shopping Cart
- In the Membership Information section of the shopping cart, enter your Company Registration Number in the Membership# box and click the Add button

At that point, a 100% discount will be applied to your order, and you may proceed to checkout. All first-time users will need to be verified for eligibility before receiving the standard(s) ordered. This may take up to seven days. Once your eligibility has been verified you will receive an e-mail with a link to the PDF of the standard.

NOTE: Organisations with access to the online collection of Network Rail Standards delivered via IHS Markit's Engineering Workbench platform should continue to access standards via that service.

Other Information

Network Rail Standards Subscriptions

IHS Global Ltd
Phone: 01344 328000 or email
customer.support@ihs.com

Network Rail Standards & Controls Publications Manager

Neil Whitaker
Phone: 01908 782564

Network Rail Technical Drawings

National Records Group
Email: nrgcivils@networkrail.co.uk

Network Rail Standards Hard Copy Document Centre

IHS Retail
Phone: 01344 328039
Fax: 01344 328005 or email:
emeastore@ihs.com

Railway Group Standards

Rail Safety & Standards Board Enquiry Desk
Phone: 020 3142 5400 Website
www.rssb.co.uk

You must make sure that the team and the activities for which you are responsible comply with the Network Rail company standards and procedures. By doing this, you will be complying with the Network Rail Health & Safety Management System and relevant legislation.

The following pages contain summary extracts of the changes / new issue to the Network Rail Company Standards which may be relevant to you.

Standards Updates

Issue 125 - 03 September 2022 New and Up-Issued Standards

References	Title	Replaced by/Status
NR/GN/CIV/065 Issue 2	Examination of Earthworks Guidance Manual	NR/GN/CIV/065 Issue 2
NR/GN/CIV/200 Issue 5	Station Design Manual	NR/GN/CIV/200 Issue 4
NR/GN/CIV/300 Issue 3	Compliance Design Manual	NR/GN/CIV/300 Issue 2
NR/L2/CIV/168 Issue 3	Asbestos Management	NR/L2/CIV/168 Issue 2
NR/L2/CIV/171 Issue 3	Examinations, Inspections and Assessments of Buildings & Architecture Assets: Structures and Fabric	NR/L2/CIV/171 Issue 2
NR/L2/CIV/172 Issue 2	Buildings and Architecture: Instructing Reactive, Minor Emerging Works and Business Plan Interventions	NR/L2/CIV/172 Issue 1
NR/L2/CIV/1000 Issue 1	Competence Management for Buildings and Civils Infrastructure	New
NR/L3/CIV/006 Issue 10	Structures, Tunnels and Occupational Property Examinations	NR/L3/CIV/006 Issue 9
NR/L3/CIV/065 Issue 7	Examination of Earthworks Manual	NR/L3/CIV/065 Issue 6
NR/L2/CSG/10072 Issue 2	Special Inspection Notices	NR/L2/CSG/10072 Issue 1
NR/L2/ELP/1007 Issue 4	Specification for 25 kV A.C. Disconnectors, Earthing Switches and Switches	NR/L2/ELP/1007 Issue 3
NR/L2/ELP/21085 Issue 6	Earthing and Bonding on A.C. Electrified Railways	NR/L2/ELP/21085 Issue 5
NR/L2/ELP/27224 Issue 3	Specification for the Installation of Cable Routes Forming Part of the Traction Distribution System (was NR/SP/ELP/27224)	NR/SP/ELP/27224 Issue 2
NR/L3/ELP/27250 Issue 5	Conductor Rail Equipment Working Instructions	NR/L3/ELP/27250 Issue 4
NR/L3/ELP/27720 Issue 1	Test Before Touch for Overhead Line Equipment	New
NR/L3/ELP/29987 Issue 8	Working on or About 25 kV A.C. Electrified Lines	NR/L3/ELP/29987 Issue 7
NR/L3/INF/02231 Issue 2	Disposal of Records	NR/L3/INF/02231 Issue 1
NR/L3/MTC/MG0173 Issue 4	Monitoring of Spoken Safety Communications	NR/L3/MTC/MG0173 Issue 3
NR/L3/MTC/MG0176 Issue 8	Ellipse Work Management Handbook	NR/L3/MTC/MG0176 Issue 7
NR/L3/MTC/RCS0216 Issue 25	Risk Control Manual	NR/L3/MTC/RCS0216 Issue 24
NR/L2/OHS/019 Issue 11	Safety of People at Work on or Near the Line	NR/L2/OHS/019 Issue 10
NR/L2/OHS/00120 Issue 6	Drugs, Alcohol and Substance Misuse in the Workplace	NR/L2/OHS/00120 Issue 5 NR/L1/OHS/051 Issue 6
NR/L2/OHS/501 Issue 5	Trackworker Protection and Warning Systems	NR/L2/OHS/501 Issue 4
NR/L3/OPS/045 Issue 24	National Operating Procedures Index	NR/L3/OPS/045 Issue 23
NR/L2/OTK/5100 Issue 5	Boundary Measure Management Manual	NR/L2/OTK/5100 Issue 4
NR/L2/P3M/201 Issue 2	Project Acceleration in a Controlled Environment (PACE)	NR/L2/P3M/201 Issue 1
NR/L2/SCT/003 Issue 1	Security Competence Framework	New
NR/L2/SIG/10027 Issue 5	Surveillance of Signal Maintenance Activities	NR/L2/SIG/10027 Issue 4
NR/L2/SIG/17002 Issue 28	SSI Applications Manual Contents	NR/L2/SIG/17002 Issue 27
NR/L2/SIG/19820 Issue 10	Signalling and Level Crossing Product Specifications	NR/L2/SIG/19820 Issue 9
NR/L2/SIG/30009 Issue 22	Signalling Principles Handbook	NR/L2/SIG/30009 Issue 21
NR/L2/SIG/30014 Issue 21	Signalling Works Testing Handbook	NR/L2/SIG/30014 Issue 20
NR/L2/SIG/50035 Issue 4	Competence Standard - Competence and Training in Signal and Level Crossing Engineering	NR/L2/SIG/50035 Issue 3
NR/L3/SIG/19810 Issue 3	Signal Engineering Involvement in Track and Civil Engineering Work	NR/L3/SIG/19810 Issue 2
NR/L3/SIG/20047 Issue 3	Management of Safety Related Reports for Signalling Failures Appendix	NR/L3/SIG/20047 Issue 2
NR/L2/TEL/30098 Issue 3	Testing and Commissioning of Telecommunications Equipment and Systems	NR/L2/TEL/30098 Issue 2
NR/L2/TEL/30130 Issue 4	Customer & Operational Information Systems	NR/L2/TEL/30130 Issue 3
NR/L2/TEL/30160 Issue 3	Specification for Loose-Tube Optical Fibre Network Design	NR/L2/TEL/30160 Issue 2
NR/L3/TEL/30162 Issue 3	Work Instruction for Jointing, Terminating, and Testing Optical Fibre Cables	NR/L3/TEL/30162 Issue 2
NR/L2/TRK/1054 Issue 6	Inspection and Maintenance Procedures for Crossings in Track	NR/L2/TRK/1054 Issue 5
NR/L3/TRK/003 Issue 40	Index of Track Engineering Forms	NR/L3/TRK/003 Issue 39
NR/L3/TRK/7006 Issue 3	Creation and Application of an Emergency Speed Restriction (ESR) Design	NR/L3/TRK/7006 Issue 2

Withdrawn, Closed and Superseded Documents

References	Title	Replaced by/Status
NR/GN/CIV/065 Issue 1	Examination of Earthworks Guidance Manual	NR/GN/CIV/065 Issue 2
NR/GN/CIV/200 Issue 4	Station Design Manual	NR/GN/CIV/200 Issue 5
NR/GN/CIV/300 Issue 2	Compliance Design Manual	NR/GN/CIV/300 Issue 3
NR/L1/OHS/051 Issue 6	Drugs and Alcohol Policy	NR/L2/OHS/00120 Issue 6
NR/L1/TEL/30092 Issue 4	Telecoms Testing and Commissioning Procedure (Formerly RT/E/P/30092)	Withdrawn
NR/L2/CIV/168 Issue 2	Asbestos Management	NR/L2/CIV/168 Issue 3
NR/L2/CIV/171 Issue 2	Examinations, Inspections and Assessments of Buildings & Architecture Assets: Structures and Fabric	NR/L2/CIV/171 Issue 3
NR/L2/CIV/172 Issue 1	Buildings and Architecture: Instructing Reactive, Minor Emerging Works and Business Plan Interventions	NR/L2/CIV/172 Issue 2
NR/L2/CSG/10072 Issue 1	Business Process for Special Inspection Notices	NR/L2/CSG/10072 Issue 2
NR/L2/ELP/1007 Issue 4	Specification for 25 kV A.C. Disconnectors, Earthing Switches and Switches	NR/L2/ELP/1007 Issue 4
NR/L2/ELP/21085 Issue 5	Earthing and Bonding on A.C. Electrified Railways	NR/L2/ELP/21085 Issue 6
NR/L2/OHS/00120 Issue 5	Testing for Drugs and Alcohol	NR/L2/OHS/00120 Issue 6
NR/L2/OHS/019 Issue 10	Safety of People at Work on or Near the Line	NR/L2/OHS/019 Issue 11
NR/L2/OHS/501 Issue 4	Trackworker Protection and Warning Systems	NR/L2/OHS/501 Issue 5
NR/L2/OTK/5100 Issue 4	Boundary Measure Management Manual	NR/L2/OTK/5100 Issue 5
NR/L2/P3M/201 Issue 1	Project Acceleration in a Controlled Environment (PACE)	NR/L2/P3M/201 Issue 2
NR/L2/SIG/10027 Issue 4	Surveillance of Signal Engineering Activities	NR/L2/SIG/10027 Issue 5
NR/L2/SIG/17002 Issue 27	SSI Applications Manual Contents	NR/L2/SIG/17002 Issue 28
NR/L2/SIG/19820 Issue 9	Signalling and Level Crossing Product Specifications	NR/L2/SIG/19820 Issue 10
NR/L2/SIG/30009 Issue 21	Signalling Principles Handbook	NR/L2/SIG/30009 Issue 22
NR/L2/SIG/30014 Issue 20	Signalling Works Testing Handbook	NR/L2/SIG/30014 Issue 21
NR/L2/SIG/50035 Issue 3	Competence Standard - Competence and Training in Signal and Level Crossing Engineering	NR/L2/SIG/50035 Issue 4
NR/L2/TEL/30098 Issue 2	Testing and Commissioning of Telecommunications Equipment and Systems	NR/L2/TEL/30098 Issue 3
NR/L2/TEL/30130 Issue 3	Electronic Visual Customer Information Systems	NR/L2/TEL/30130 Issue 4
NR/L2/TEL/30160 Issue 2	Specification for Optical Fibre Network Design	NR/L2/TEL/30160 Issue 3
NR/L2/TRK/1054 Issue 5	Inspection, Maintenance and Repair Procedures for Cast, Welded and Fabricated Crossings in the Track	NR/L2/TRK/1054 Issue 6
NR/L3/CIV/006 Issue 9	Structures, Tunnels and Operational Property Examinations	NR/L3/CIV/006 Issue 10
NR/L3/CIV/065 Issue 6	Examination of Earthworks Manual	NR/L3/CIV/065 Issue 7
NR/L3/ELP/27250 Issue 4	Conductor Rail Equipment Working Instructions	NR/L3/ELP/27250 Issue 5
NR/L3/ELP/29987 Issue 7	Working on or About 25 kV A.C. Electrified Lines	NR/L3/ELP/29987 Issue 8
NR/L3/INF/02231 Issue 1	Disposal of Records	NR/L3/INF/02231 Issue 2
NR/L3/MTC/MG0173 Issue 3	Monitoring of Spoken Safety Communications	NR/L3/MTC/MG0173 Issue 4
NR/L3MTC/MG0176 Issue 7	Ellipse Work Management Handbook	NR/L3MTC/MG0176 Issue 8
NR/L3/MTC/RCS0216 Issue 24	Risk Control Manual	NR/L3/MTC/RCS0216 Issue 25
NR/L3/OHS/019-IP Issue 1	Planning and Delivering Safe Work – Implementation Principles for Infrastructure Projects	Withdrawn
NR/L3/OPS/045 Issue 23	Safety of People at Work on or Near the Line	NR/L3/OPS/045 Issue 24
NR/L3/SIG/19810 Issue 2	Signal Engineering Involvement in Civil Engineering Work	NR/L3/SIG/19810 Issue 3
NR/L3/SIG/20047 Issue 2	Management of Safety Related Reports for Signalling Failures Appendix	NR/L3/SIG/20047 Issue 3
NR/L3/TEL/30162 Issue 2	Work Instruction for Jointing, Terminating, and Testing Optical Fibre Cables	NR/L3/TEL/30162 Issue 3

Standards Updates

Emergency Changes (Previously Known as Letters of Instruction)

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/487	Standard/control document affected: NR/L3/CTM/306/01 Issue 1, Skills Assessment Scheme: Competence assurance process	1	18/07/2022
NR/BS/LI/485	Standard/control document affected: NR/L3/OPS/009 (Issue 4), Track Circuit Operating Device (T-COD) Identification of Locations for use – REPLACES NR/BS/LI/477	1	11/12/2021
NR/BS/LI/484	Standard/control document affected: NR/L3/ELP/27240 (Issue 11), Distribution Work Instructions	1	14/02/2022
NR/BS/LI/483	Standard/control document affected: NR/L3/OPS/021 Module 8 Managing The Weather - Earthworks (Issue 01) – REPLACES NR/BS/LI/474	1	05/12/2021
NR/BS/LI/482	Standard/control document affected: NR/L3/OPS/021 Module 13 Managing the Weather – Extreme Weather Response Process (Issue 01) – REPLACES NR/BS/LI/473	1	05/12/2021
NR/BS/LI/480	Standard/control document affected: NR/L3/ELP/21067 (Issue 5), Instructions for making out, issuing and cancelling high voltage Permits to Work, Sanctions for Test and Circuit State Certificates – REPLACES NR/BS/LI/456 & NR/BS/LI/461	1	11/11/2021
NR/BS/LI/478	Standard/control document affected: NR/SP/CTM/016 Issue 1, Competency & Training in Fixed Plant Engineering	1	30/07/2021
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/442	Standard/control document affected: NR/L2/TRK/1054 (Issue 5), Inspection of cast, welded and fabricated crossings in the track – SUPERSEDED BY NR/L2/TRK/1054 (Issue 8) HISTORIC ON 03/09/2022	1	25/03/2020
NR/BS/LI/441	Standard/control document affected: NR/L2/TRK/053 (Issue 9), Inspection and Repair to Control the Risk of Derailment at Switches	1	25/03/2020
NR/BS/LI/440	Standard/control document affected: NR/L2/TRK/001 (Issue 15), Inspection and Maintenance of Permanent Way	1	25/03/2020
NR/BS/LI/426	Standard/control document affected: NR/L1/CIV/032 (Issue 2), The Management of Structures SUPERSEDED BY NR/L2/CIV/032 Issue 1 - HISTORIC 04/12/2022	2	20/07/2020
NR/BS/LI/383	Standard affected: NR/L2/CTM/021 (Issue 4). Competence and Training	2	08/12/2016
NR/BS/LI/371	Standard affected: NR/L2/CIV/162 (Issue 2). Platform Extensions. Location of metal structures on Third Rail area Station Platforms	1	02/03/2016
NR/BS/LI/347	Standard affected: NR/L2/CTM/028 (Issue 2). Competence and Training – SUPERSEDED BY NR/L2/ELP/CTM028 ISSUE 3 – HISTORIC 04/06/2022	1	16/01/2015
NR/BS/LI/328	Standard affected: NR/SP/ELP/21104 (ISSUE 2). Design and Installation of Electric Track Equipment for DC Electrified Lines	1	28/03/2014
NR/BS/LI/326	Standard affected: NR/L2/OHS/050 (Issue 4), Sentinel Scheme Rules	1	16/04/2014
NR/BS/LI/306	Standard affected: NR/L1/CIV/032: The Management of Structures [Issue 2] SUPERSEDED BY NR/L2/CIV/032 Issue 1 - HISTORIC 04/12/2022	2	26/09/2014
NR/BS/LI/305	Standards Affected: NR/L2/TRK/001 Issue 6. NR/L2/TRK/2102 Issue 6. NR/L2/TRK/3038 Issue 5. NR/L2/TRK/0032 Issue 5. NR/L2/TRK/0132 Issue 6. NR/L3/TRK/3510/A01 Issue 1. NR/L3/TRK/3510/B01 Issue 1. NR/L3/TRK/1015 Issue 2	2	31/01/2014
NR/BS/LI/292	NR/L3/TRK/1010 (Issue 2). Management of responses to extreme weather conditions at structures, earthworks and other key locations	1	18/07/2013
NR/BS/LI/256	Standard affected: NR/SP/ELP/27243 (Issue 1). Specification for Signalling Power Supplies	2	24/10/2016
NR/BS/LI/217	Standards affected: NR/SP/ELP/27224 [Issue: 2] Specification for the installation of cable routes forming part of the traction distribution system - WITHDRAWN BY NR/L2/ELP/27224 Issue 3 – HISTORIC ON 03/12/2022	4	25/01/2016
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/106	Electric Points Heating - standard affected NR/L2/ELP/40045	2	01/09/2011
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	05/05/2006
NR/BS/LI/040	650 V D.C. Traction Power Cables - Support Systems - affected standard NR/SP/ELP/27224 – WITHDRAWN BY NR/L2/ELP/27224 ISSUE 3 – HISTORIC ON 03/12/2022	1	20/12/2005
NR/BS/LI/032	Labelling of Track Isolating Switches (T.I.S)	1	17/10/2005
NR/BS/LI/028	Segregation of D.C. Track Feed Cables	1	22/08/2005

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 38](#)

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](#)

[GERM8000-master-module Iss 12](#)

Issued 03/09/2022

Controlled Document List 03 September 2022

Key

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

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

GROUP STANDARDS Website: http://www.rsb.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	7	09/2021
GERM8000 Possession Workers Manual	8	09/2022
GERM8000 Track Workers Manual	10.1	03/2022
GERM8000 Track Workers Manual	11	09/2022
GERM8000-master-module Master Module Manual	11.1	03/2022
GERM8000-master-module Master Module Manual	12	09/2022
GEN8613 Application of human factors within safety management systems	1	03/2021
GLRT1210 AC Energy Subsystem and Interfaces to Rolling Stock Subsystem	2	12/2019
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
RIS-1530-PLT Rail Industry Standard for Technical Requirements for On-Track Plant and their Associated Equipment and Trolleys	6	12/2015
RIS-2750-RST Supplier Assurance	1.1	12/2021
RIS-3118-TOM Incident Response Planning & Management	2	12/2019
RIS-3119-TOM Accident and Incident Investigation	3	03/2022
RIS-3279-TOM High Visibility Clothing	2	09/2019
RIS-3701-TOM Confidential Reporting System for Rail Staff	2.1	12/2019
RIS-8046-TOM Spoken Safety Critical Communications	2	12/2016
RIS-8047-TOM Reporting of Safety Related Information	2	03/2018
RIS-8070-TOM Drugs and alcohol testing for safety-critical workers	2	03/2022

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

LONDON UNDERGROUND (LU) STANDARDS		
Ref. / Title	Issue No	Issue Date
LUL R0403 Personal Protective Equipment (PPE) catalogue	1.1	01/2014
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	A16	04/2020
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	A5	01/2012
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	125	09/2022
PTS Handbook RT 3170	10	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	1	12/2021
NR/GN/CIV/065 Examination of Earthworks Guidance Manual	1	06/2021
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	7	12/2021
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/086 Management of Earthworks	11	12/2021
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	2	09/2018
NR/L2/CIV/602 Highways Interface Planning Process	1	12/2021
NR/L2/CIV/1000 Competence Management for Buildings and Civils Infrastructure	1	09/2022
NR/L3/CIV/00012 Road Vehicle Incursions: Risk Assessment of Public and Non-Public Bridge and Neighbouring Sites	2	09/2020
NR/L3/CIV/006 Handbook for the Examination of Structures	9	09/2019
NR/L3/CIV/006 Structures, Tunnels and Occupational Property Examinations	10	09/2022
NR/L3/CIV/0063 Piling, 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	2	06/2019
NR/L3/CIV/170 Assessment of Tunnels	2	12/2021
NR/L3/CIV/185 Management of Reports of Safety Related Geotechnical Incidents	3	09/2020
NR/L3/CIV/190 Developing Extreme Weather Plans	1	12/2017
NR/L3/CIV/603 Working at the Highways Interface	1	12/2021
NR/L3/CIV/604 Highways Interface Manual	1	12/2021
NR/GN/CPR/401 Guidance on Contractual Health and Safety Requirements	1	12/2008

NETWORK RAIL STANDARDS		
Ref. / Title	Issue No	Issue Date
NR/L2/CPR/201 Supplier Qualification	2	12/2011
NR/L2/CPR/302 Supplier Qualification - Core Requirements (For PCL / POL Holders)	2	09/2011
NR/L2/CSG/STP001 Standards and Controls Management Manual	8	06/2020
NR/CS/CTM/001 Competence Management	1	12/2006
NR/L2/CTM/017 Competence and Training in Civil Engineering	1	06/2006
NR/L2/CTM/021 Competence & Training in Track Safety	4	12/2010
NR/L2/CTM/025 Competence & Training in On-Track Plant Operation & Activities	2	03/2021
NR/L2/CTM/201 Competence Management	2	03/2012
NR/L2/CTM/202 Quality Assurance in Training & Assessment	3	12/2019
NR/L2/CTM/207 Competence & Training in Planning	2	06/2012
NR/L2/CTM/209 Competence & Training in Safe System of Work Planner	1	12/2010
NR/L2/CTM/220 Competence & Training in Portable, Transportable & Mobile Plant (PTMP) Operation & Activities	2	06/2021
NR/L2/CTM/223 Competence & Training in Managing Site Safety	1	06/2011
NR/L2/ELP/21085 Earthing and Bonding on A.C. Electrified Railways	5	12/2021
NR/L2/ELP/21085 Earthing and Bonding on A.C. Electrified Railways	6	09/2022
NR/L2/ELP/21087 Risk Based Maintenance for Overhead Line Assets	9	06/2020
NR/L2/ELP/21088 General Maintenance Parameters for Overhead Line Electrification Equipment	4	06/2021
NR/L2/ELP/21090 OLE Seasonal Preparation Response for Extreme Weather	1	12/2020
NR/L2/ELP/23002 Specification for High Voltage AC Cables, AC Traction Earthing and Bonding Cables DC Traction Cables, Pilot Cables and Associated Accessories	1	12/2020
NR/L2/ELP/27009 Overhead Line Equipment Campaign Changes	3	03/2017
NR/L2/ELP/27023 Conductor Rail Heating Standard	1	12/2020
NR/L2/ELP/27172 Conductor Rail Guard Boarding	1	06/2021
NR/L2/ELP/27307 Management of M&EE Safety Related Event Reports	4	12/2017
NR/L2/ELP/27402 Specification for protection and control devices for electrical systems	1	12/2009
NR/L2/ELP/27715 Overhead Contact System Design Specification	3	09/2018
NR/L2/ELP/27800 Specification for 25 kV a.c. Earthing Pantographs and Interface with Vehicle (On Track Plant or Road Rail Vehicles)	1	12/2020
NR/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	7	06/2022
NR/L3/ELP/27115 Arrangements for Isolation of the Conductor Rail for Pre-Planned Possessions of the Line	4	09/2018
NR/L3/ELP/27140 Application of Short Circuits for Conductor Rail Isolations	4	03/2019
NR/L3/ELP/27171 Electrical Insulating Gloves - Replaces NR/WI/ELP/27171	3	06/2021
NR/L3/ELP/27237 Overhead Line Work Instructions	23	09/2021
NR/L3/ELP/27250 Conductor Rail Equipment Working Instructions	5	09/2022
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	7	06/2022
NR/L3/ELP/29987 Working on or About 25 KV AC Electrified Lines	8	09/2022
NR/L3/ELP/3091 DC Electrified Lines Working Instructions	5	09/2019

NETWORK RAIL STANDARDS		
Ref. / Title	Issue No	Issue Date
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	1	12/2019
NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration	1	12/2019
NR/L2/ENV/122 Biodiversity	1	03/2021
NR/L2/ENV/123 Prevention of Pollution to Land and Water	1	12/2019
NR/L2/INF/02203 Controlled Publications - Issue & Receipt	2	12/2011
NR/L3/INF/02204 Controlled Publications - Process & Accountabilities	3	12/2011
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/CP0070 Principal Contractor Licensing Scheme	5	06/2017
NR/L2/INI/EDT/CP0091 Specification for Computer Aided Design	4	12/2018
NR/L3/INI/CP0028 Contract Requirements - Quality	3	06/2012
NR/L3/INI/CP0036 Provision of Welfare Facilities	4	08/2008
NR/L3/INV/3001 Reporting and Investigation Manual	7	09/2021
NR/GN/MTC/089 Guidance for the Exchange of Asset Data and the Continuing Maintenance of Assets Undergoing Change	1	09/2020
NR/L2/MTC/089 Arrangements for the Exchange of Asset Data and the Continuing Maintenance of Assets Undergoing Change	2	12/2018
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	3	06/2019
NR/L3/MTC/MG0173 Monitoring of Spoken Safety Communications	4	09/2022
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	18	06/2021
NR/L3/MTC/RCS0216 Risk Control Manual	24	06/2022
NR/L3/MTC/RCS0216 Risk Control Manual	25	09/2022
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	4	09/2018
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/051 Drugs and Alcohol – Replaced by NR/L2/OHS/00120 Issue 6	6	12/2015
NR/L1/OHS/052 Traumatic Incident Management	1	06/2016
NR/L2/OHS/00110 First Aid at Work	6	09/2017
NR/L2/OHS/00112 Worksafe Procedure	3	09/2020
NR/L2/OHS/00120 Testing for Drugs and Alcohol	5	12/2015

NETWORK RAIL STANDARDS		
Ref. / Title	Issue No	Issue Date
NR/L2/OHS/00120 Drugs, Alcohol and Substance Misuse in the Workplace	6	09/2022
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	1	03/2022
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	10	12/2020
NR/L2/OHS/019 Safety of People working on or near the Line	11	09/2022
NR/L2/OHS/020 Track Visitor Permits	5	08/2008
NR/L2/OHS/021 Personal Protective Equipment and Work Wear	3	06/2009
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 Sentinel Scheme Rules	4	03/2011
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	5	09/2022
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 in a High Street Environment	3	06/2022
NR/L3/OHS/019-IP Planning and Delivering Safe Work – Implementation Principles for Infrastructure Projects	1	06/2018
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/291 Railway Crime Risk Management	1	12/2019
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	11	06/2022
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/L2/RSE/0005 Product Design for Reliability	5	12/2020
NR/L2/RSE/070 Engineering Verification	3	03/2022
NR/L2/RSE/100 Network Rail Acceptance Panel processes	7	12/2021
NR/L1/RSK/001 Network Rail Risk Policy	3	09/2019

NETWORK RAIL STANDARDS		
Ref. / Title	Issue No	Issue Date
NR/L2/SCO/302 Supplier Qualification Requirements	1	06/2020
NR/L3/SCO/313 On-Track Machines (OTMs) Driver and Operations Standards Manual	11	12/2021
NR/L3/SCO/314 Engineering Assurance for T&RS, OTM and OTP Projects	2	06/2022
NR/L3/SCO/320 Supplier Quality Assurance (SQA)	2	09/2020
NR/SIN/185 Identification and Inspection of Plain-Lined S&C	1	06/2019
NR/L2/SIG/11201 Signalling Design Handbook	15	12/2021
NR/L2/SIG/14201 Signalling Risk Assessment Handbook	5	12/2020
NR/L2/SIG/30009 Signalling Principles Handbook	21	12/2021
NR/L2/SIG/30009 Signalling Principles Handbook	22	09/2022
NR/L2/SIG/30014 Signalling Works Testing Handbook	20	06/2022
NR/L2/SIG/30014 Signalling Works Testing Handbook	21	09/2022
NR/L2/SIG/50035 Competence and Training in Signal and Level Crossing Engineering	3	06/2022
NR/L2/SIG/50035 Competence and Training in Signal and Level Crossing Engineering	4	09/2022
NR/L2/SIG/50040 Temporary Speed Restrictions replaces NR/L3/SIG/MG0110	1	12/2021
NR/L3/SIG/10064 General Instructions to Staff Working on S&T Equipment	11	06/2022
NR/L3/SIG/10661 Signal Maintenance Task Intervals	23	06/2022
NR/L3/SIG/10663 Signal Maintenance Specifications	15	06/2022
NR/L3/SIG/11231 Signal Maintenance Testing Handbook	17	06/2022
NR/L3/SIG/11235 Signal Intermediate Testing Handbook	1	09/2021
NR/L3/SIGELP/50000 Safe working and maintenance on or near Signalling Power Distribution Equipment above 175 volts	4	09/2021
NR/L3/SIGELP/50001 Signalling Power Distribution Equipment above 175 Volts (Work Instructions)	5	09/2021
NR/L3/SIGELP/50002 Safe Working Practices When Working on or Near Signalling Power Distribution Equipment Above 175 Volts	1	12/2016
NR/L3/SIGELP/50003 Safe Working Practices When Working on or Near Signalling Equipment	1	03/2018
NR/L2/TEL/30067 The Transmission of Safety Related Information	2	12/2011
NR/L2/TEL/30156 Functional Requirements for Safety Related Communications Equipment for On Track Plant Working	1	12/2011
NR/L3/TEL/30181 Telecoms Maintenance Work Instructions Handbook	7	03/2022
NR/GN/TRK/7001 Index of Track Work Information Sheets (TWI)	18	06/2022
NR/L1/TRK/100 Management of Track Assets	1	03/2020
NR/L2/TRK/001 Inspection and Maintenance of Permanent Way	22	03/2022
NR/L2/TRK/4239 Track Bed Investigation, Design and Installation	2	09/2020
NR/L3/TRK/003 Index of Track Engineering Forms	39	06/2022
NR/L3/TRK/003 Index of Track Engineering Forms	40	09/2022
NR/L3/TRK/1015 Management of Basic Visual Inspection	7	03/2022
NR/L2/TRK/1054 Inspection and Maintenance Procedures for Crossings in Track	6	09/2022
NR/L3/TRK/3530 Track Lubricants	1	06/2012
NR/L3/TRK/7006 Creation and Application of Initial ESR Design	2	06/2021
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/L2/TRK/7014 Standardised Risk Based Maintenance Regime (RBM) for the Inspection and Maintenance of the Permanent Way	2	03/2022

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)	V2.0 Updated 24 August 2020
RTAS Rules QA Reference – National Skills Academy for Rail (nsar.co.uk)	V2.1 Updated 1 August 2022

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

LEGISLATION	
Ref. / Title	Reference
The Control of Substances Hazardous to Health Regulations 2002	2002 No. 2677
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 34	Dec 2021	Rule Book Module Issue History	This document contains updates to align with changes to Rule Book module issues (GERT8000).
GERT8000 Issue Iss 35	Sep 2022	Rule Book Module Issue History	This document contains updates to align with changes to Rule Book module issues (GERT8000).
GERT8000-Issue HB Iss 15	Dec 2021	Rule Book Handbook Issue History	This document contains updates to align with changes to Rule Book Handbook issues (GERT8000).
GERT8000-Issue HB Iss 15	Sep 2022	Rule Book Handbook Issue History	This document contains updates to align with changes to Rule Book Handbook issues (GERT8000).
GERT8000-RBBL Iss 37	Dec 2021	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 38	Sep 2022	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 5	Sep 2018	Glossary of Railway Terminology	You will need this glossary if you are issued with GERT8000.
GERT8000-Gloss Iss 6	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	Sep 2021	General safety responsibilities and personal track safety for non-trackworkers	You will need this module if you carry out the duties of: <ul style="list-style-type: none"> • a train driver • a guard • a shunter • a designated person (DP) • a signaller • a crossing keeper • platform staff.

Rule Book			
Doc No & Issue	Issue Date	Title	Synopsis
GERT8000-HB1 Iss 7	Sep 2021	General duties and track safety for track workers	This handbook is for those personnel who need to go on the operational railway to carry out their duties, with the exception of a train driver, guard, shunter, signaller, crossing keeper or designated person (DP).
GERT8000-HB10 Iss 4	Sep 2015	Duties of the COSS or SWL 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. This document has been updated as part of the December 2015 Rule Book Programme.
GERT8000-HB11 Iss 9	Sep 2021	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 10	Sep 2022	Duties of the person in charge of the possession (PICOP)	You will need this handbook if you carry out the duties of the PICOP.
GERT8000-HB12 Iss 8.pdf	Sep 2020	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. Section 3.2 has been revised to facilitate the introduction of the flexible train arrival point (FTAP) into the Rule Book. Section 10.3 has been revised to include arrangements for giving up a work site with an engineering train or on-track machine standing within it. The changes are intended to allow work to be undertaken for a greater proportion of the available time within a possession. A new section 11 has been added to facilitate the introduction of high output protection zones into the Rule Book. The introduction of high output protection zones into the Rule Book is intended to improve track worker safety by removing the need for possession support staff to go trackside to place standard possession protection, and to result in improved productivity on each occasion that a high output train is used.
GERT8000-HB12 Iss 9	Sep 2022	Duties of the engineering supervisor (ES) or safe work leader (SWL) in a possession	You will need this handbook if you carry out the duties of the ES or SWL in a possession.
GERT8000-HB13 Iss 2	Sep 2014	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. Information on changes to this issue can be found in the Rule Book Briefing Leaflet (GERT8000-RBBL Iss 27)
GERT8000-HB13 Iss 3	Sep 2022	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 5	Sep 2017	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. This document has been updated as part of the December 2015 Rule Book Programme.
GERT8000-HB15 Iss 6	Sep 2022	Duties of the machine controller (MC) and on-track plant operator	You will need this handbook if you carry out the duties of the machine controller (MC) and on-track plant operator.
GERT8000-HB16 Iss 5	Dec 2021	AC electrified lines	This handbook is for those personnel who need to go on the operational railway in an AC electrified area to carry out their duties.
GERT8000-HB17 Iss 4	Dec 2021	DC electrified lines	This handbook is for those personnel who need to go on the operational railway in an DC electrified area to carry out their duties.
GERT8000-HB18 Iss 4	Sep 2015	Duties of a Level Crossing Attendant	You will need this handbook if you carry out the duties of a level crossing attendant. This document has been updated as part of the December 2015 Rule Book Programme.
GERT8000-HB19 Iss 4.pdf	Sep 2020	Work on signalling equipment - duties of the signalling technician	You will need this handbook if you carry out the duties of a signalling technician. Section 1.5 has been revised to facilitate the introduction of high output protection zones into the Rule Book. The introduction of high output protection zones into the Rule Book is intended to improve track worker safety by removing the need for possession support staff to go trackside to place standard possession protection, and to result in improved productivity on each occasion that a high output train is used.
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

Rule Book			
Doc No & Issue	Issue Date	Title	Synopsis
			a designated person (DP). This document has been updated as part of the December 2015 Rule Book Programme.
GERT8000-HB20 Iss 4	Sep 2021	General duties of a safe work leader (SWL) working outside a possession	You will need this handbook if you have the general duties of a safe work leader working outside a possession.
GERT8000-HB21 Iss 5	Sep 2021	Safe work leader (SWL) blocking a line	You will need this handbook if you carry out the duties of a IWA, COSS or PC blocking a line.
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	Sep 2011	Handsignalling duties	This handbook is for those 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-HB7 Iss 8	Sep 2021	General duties of a controller of site safety (COSS)	This handbook is for those personnel who have the general duties of a controller of site safety (COSS).
GERT8000-HB8 Iss 8	Sep 2021	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 9	Sep 2022	IWA, COSS or PC blocking a line	You will need this handbook if you carry out the duties of a IWA, COSS or PC blocking a line.
GERT8000-HB9 Iss 7	Sep 2019	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-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-OTM Iss 10	Mar 2021	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-T10 Iss 5	Sep 2021	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.
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.
GERT8000-T3 Iss 10	Sep 2021	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 11	Sep 2022	Possession of a running line for engineering work	You will need this module if you carry out the duties of a driver or signaller.

Network Rail Safety Central – Information Section

Code of Conduct

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

[Code of Business Ethics](#) (web page)
[Modern Slavery](#) (web page)

Network Rail Safety Bulletins

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

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

The following link contains a list of Network Rail Safety Bulletins: [Safety Bulletin List Update Jan 2022](#)

You can refine your search by:

Bulletin type

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

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

Safety Bulletins

- [Safety Bulletin NRB22-08 – Battery Fire](#) August 23, 2022
- [Safety Bulletin NRB22-07 – Trench collapse](#) August 22, 2022
- [Safety Bulletin NRB22-05 – Drugs & Alcohol – Increased Test Failures](#) July 5, 2022

Safety Advice

- [Safety Advice NRA22-05 – Hot weather and Fire Prevention](#) August 16, 2022
- [Safety Advice NRA-04 – URGENT – Quarantine certain Lithium-Ion LED work lights](#) July 27, 2022
- [Safety Advice NRA22-03 – Hot weather](#) July 19, 2022

Other documents

- none

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 NRL22 in the search box for this year's.

Health & Wellbeing

[Health and wellbeing](#) (web page)

Risk Management

[Think RISK](#) (web page)

Resource Library

<https://safety.networkrail.co.uk/tools-resources/resource-library/>

The Resource Library holds a wealth of information.

SCO 24:7 (Supply Chain – Operations) Telephone

SCO 24:7 (formally the NSC247 and NDS24:7): call 01908 723500 or 085 65500 (internal)

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

Emergency

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

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

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

To report a crime

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

HSE Fatigue and Risk Index (FRI) Calculator

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

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

Following feedback, we are making the tool available, as well as how to documents, to aid with calculations.

[HSE Fatigue and Risk Index \(FRI\) Calculator](#)

Useful Links

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

Item	Details
<p>Health and Safety Executive http://www.hse.gov.uk – Website</p>	<p>Government agency responsible for regulating risks to health and safety arising from work. HSE publications can be downloaded free in Adobe PDF format.</p>
<p>CIRAS Online http://www.ciras.org.uk – free access</p>	<p>The Confidential Incident Reporting and Analysis System Freephone number 0800 4 101 101.</p>
<p>Network Rail http://www.networkrail.co.uk – Website</p>	<p>Owner and operator of Britain's railway infrastructure.</p>
<p>Network Rail Standards http://www.ihsmerc.com/ – subscription required</p> <p>IHS Customer Care For search queries and all other enquiries Phone: 01344 328300 or email customer.support@ihsmarkit.com</p> <p>Network Rail Standards Subscriptions IHS Markit Ltd Phone: 01344 328000</p> <p>Network Rail Standards & Controls Publications Manager Neil Whitaker Phone: 01908 782564</p> <p>Network Rail Standards Hard Copy Document Centre IHS Retail Phone: 01344 328039 Fax: 01344 328005 or email: emeastore@ihsmarkit.com</p> <p>Railway Group Standards Rail Safety & Standards Board Enquiry Desk Phone: 020 3142 5400 Website www.rssb.co.uk</p> <p>Network Rail Technical Drawings National Records Group Email: nrgcivils@networkrail.co.uk</p>	<p>All current Network Rail standards are available via the IHS website.</p> <p>You can access the new portal via the highlighted link but do be careful to claim your 100% discount when checking out!</p> <p><i>New standards portal</i> Last year we held focus groups with our SME suppliers to gain a stronger understanding of how we can make it easier for them to do business with us. Our SME Acton Plan, published in November 2019, responded to these insights with a range of measures to support our SME community. These actions included our commitment to review access to our standards and control documents. These are the requirements for the operation of the rail network and delivery of infrastructure maintenance and enhancements.</p> <p><i>I am pleased to announce that this has resulted in the launch of a new portal which will make our standards freely available to the supply chain. Instructions on how to register can be seen on the portal home page. Please do not hesitate to contact us with your feedback via SupplierCommunications@networkrail.co.uk.</i></p> <p><i>This initiative also supports our Open for Business programme which encourages our suppliers to submit challenges to our standards to reduce complexity and costs.</i></p> <p><i>If you do have any questions as a result of these changes, please contact your local Network Rail representative or email suppliercommunications@networkrail.co.uk</i></p>
<p>Network Rail Safety Central http://safety.networkrail.co.uk – free access</p>	<p>The site is your one-stop shop of safety information, advice, resources and useful contacts, designed to promote consistency and best practice across the whole rail industry. The information is divided under the following sections:</p> <ul style="list-style-type: none"> • Alerts & Campaign Material • Communication & Health • Commitment & Rules • Safety Groups • On Site Solutions • Toolbox

Item	Details
<p>RSSB Close Call System www.closecallsystem.co.uk – Register for access</p>	<p>At the request of Network Rail and its contractors, RSSB has developed a new internet-based system that will allow the industry to centrally record and analyse 'Close Call incidents'. This is known as the Close Call System.</p>
<p>Rail Safety and Standards Board http://www.rssb.co.uk – free access</p>	<p>RSSB builds industry-wide consensus and facilitates the resolution of difficult cross-industry issues. They provide knowledge, analysis, a substantial level of technical expertise, powerful information and risk management tools.</p>
<p>Railway Group Standards https://www.rssb.co.uk/standards-catalogue – free access with registration</p> <p>Rail Safety & Standards Board Enquiry Desk Phone: 020 3142 5400 Website www.rssb.co.uk</p>	<p>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:</p> <ul style="list-style-type: none"> • 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 <p>Then fax or post it to Willsons Printers Limited at the address below.</p> <p>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.</p> <p>Purchasing National Operations Publications National Operations Publications are Railway Group Standards which set out mandatory requirements for direct application in the workplace. These include:</p> <ul style="list-style-type: none"> • 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 <p>Details of these documents can be found in the sections 'Document Titles and Descriptions' for Traffic Operation and Management.</p> <p>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.</p> <p>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:</p> <p>Willsons Printers Limited Highlander House Cross Street, Newark Nottinghamshire, NG24 1PP Tel: 01636702334 Fax: 01636701396 http://www.willsonshop.com</p>

Useful Links

Item	Details
<p>M&EE Networking Group Codes of Practice https://www.rssb.co.uk/standards-catalogue#stakeholder-publications</p> <p>Refine results by selecting Lead Committee</p>	<p>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.</p> <p>The M&EE Networking Group produces Codes of Practice and other documents as good practice for all members of the industry.</p>
<p>Rail Sentinel https://www.railsentinel.co.uk/ – registered companies only</p>	<p>Sentinel Scheme Rules The latest copy of the scheme rules can be found here: Sentinel Scheme Rules</p>
<p>Office of Rail and Road http://orr.gov.uk/ – free access</p>	<p>Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.</p>
<p>Rail Accident Investigation Branch http://www.raib.gov.uk/ – free access</p>	<p>Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to improve safety, not to establish blame.</p>

Other Safety Information

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/>



EMBANKMENT FIRE

TIB-197 15/08/22

SAFE-T TARGET ZERO

Preventing Fires

As you are aware, as the hot weather continues and the vegetation on our lineside and sites has become very dry, increasing the risk of fires (both intentional and unintentional) the risk of fires can only get greater during this dry spell.

Please ensure, as a matter of urgency, that all of our sites have suitable arrangements in place:

1. When undertaking 'hot works' e.g. grinding, burning, welding etc, for preventing fires. Damp down or cover the area prior to the commencement of works.
2. For dealing with any fires e.g. Well positioned fire extinguishers, buckets of water etc Note: Please pay due regard to the extinguisher type when working around live E&P, signalling and traction equipment.
3. Following 'hot works' a watch person is appointed to watch for fire for at least 30 mins after work has finished.



On Sunday 14th August a subcontracted IRATA team were installing wire mesh on the cutting slope. A 16mm steel bolt was preventing the wire mesh from being rolled out, and needed to be cut away.

Working under a Hot Works Permit the team began to cut through the bolt with a Stihl saw. Sparks from the cut, ignited the dry vegetation and the fibre Coir Mesh erosion matting already rolled out on the slope, due to hot weather and dry conditions over the past few weeks the fire rapidly spread up to 50 meters away within seconds.

The fire extinguishers on hand during the hot works were insufficient to contain the fire and the fire brigade had to be called out to extinguish it.

Thankfully there were no injuries sustained, however a significant amount of materials and equipment was damaged. As the matting was laid over a rock face, there was also little biodiversity damaged sustained.



A formal investigation is now underway to determine the underlying causes of the incident and what corrective action is required locally of the project and wider within the group relating to our Hot Works management.

Immediate Reviews & Actions

- Review the assurance of your Hot Works process and your fire management equipment. Is the fire inspection & authorisation process being correctly followed and is the fire fighting equipment suitable for the task based upon the current environmental conditions?
- Do you have the correct mixture of fire extinguishers e.g. Water, Powder, CO2 for the types of material you are working with?
- Where trades and subcontractors are undertaking Hot Works, have you assured yourself that the information they have provided on their proposed risk controls is in place and being fully adhered to?
- What monitoring and supervision are we undertaking to verify the Hot Works Permit, and the implementation of its risk controls is suitable and sufficient for the activity throughout the shift?
- Can the activity be substituted during this period of exceptionally dry weather? Consider the use of cold cut saws or bolt cutters. Can the works be rescheduled to a later date?
- Can you reduce the flammability of the area and material by dampening down with water pre-start or using a localised water mister during the activity?
- Assess the environment surrounding the works, not just the activity. Flammable materials are an essential ingredient in fires, eliminate the fuel source and you eliminate the risk. Consider the build up of fly tipping and leaf litter around site in your Hot Works assessment.

Safety Bulletin



Open Gates: Safety & Security Risks

Ref:	WWA22-32
Date of Issue:	8 June 2022
Location:	Westbourne Park Turnback Sidings Tower Transit RRAP
Contact:	Simon Wu

Overview

The Crossrail Security Team have highlighted concerns with the padlock on the pedestrian gate at Westbourne Park Turnback Tower Transit Road Rail Access Point which had been put on the wrong end of the sliding lock and as a result, the gate was left unsecured. This could have resulted in a member of public accessing the compound and track infrastructure resulting in harm, damage or theft.

Discussion Points:	<u>Control</u>
Auto Reverse: This location is unique on the Western Route in that some of the Class 345 Trains in the Westbourne Park Turnback Sidings area operate in Auto Reverse (AR) Mode. This means there may not be a driver at either end of the cab to sound a horn or attempt to stop the train if somebody is in close proximity to the train (such as a trespasser).	Thames Valley 01793 389 206 01793 389 378 RFLI 0300 215 1025 DB Cargo 01302 575 047
Responsibility: As with any access gate, it is the responsibility of all of us to lock the gate behind us every time we access and egress the infrastructure. If you see an unsecure gate or boundary, take immediate action to close it. If you cannot, you must report unsecured access to Control.	West Country 01793 389 224 01793 389 377 Wales Route 02920 920 659 02920 920 688
Discuss: how this is relevant to the access points in your local area? What should you do if you notice one open?	



Part of our group of Safety Posters

Safety Alert

Safety Bulletin

Safety Advice

Shared Learning

DISTRIBUTION

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

WSW v0.2 02-2021



Road fleet driver training

15 July 2022

Network Rail have appointed Fleetmaster Group to support delivery of all Driver Training (Road Fleet) across the UK. As a result, Fleetmaster are working with your regional fleet team.



Fleetmaster are currently looking at our drivers holding Certificates of Professional Competence (CPCs) and we need line manager's help in providing information about your team to help compile a central database for our Region.

This will enable the fleet team to keep better information and avoid your CPC cards from expiring and to provide a more planned approach to the training cycle, rather than losing your staff for a full week at a time. CPCs are required by anyone driving a vehicle of 3.5 tonnes professionally.

Please email networkrail@fleetmastergroup.com the following information about anyone in your team with a driver's CPC. Please send:

- The driver's email address
- CPC expiry date
- The line manager's email address
- Any CPC training undertaken since their last card was issued (if known).



Other driver training courses are available at the [Fleet Driver Training Portal](#) or get more information by contacting networkrail@fleetmastergroup.com / 01924 416 624.

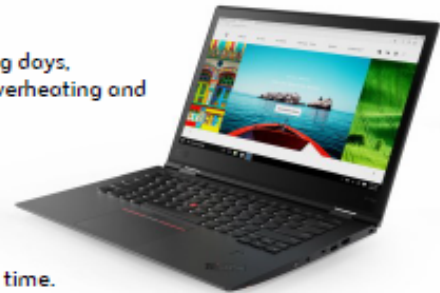
Please keep your portable devices out of the sun

With extremely high temperatures expected across the UK over the coming days, it's important that we take steps to keep our portable devices safe from overheating and becoming a fire hazard.

Signs that your device is overheating

If a device is overheating, it will usually be warm to the touch, but there are some other signs, including the following:

- Your device takes longer processing compared to regular processing time.
- Applications like MS Word or Excel not responding properly
- Laptop accessories such as mouse and keyboard not responding
- Laptop suddenly shutting down and taking a while to turn back on
- An overheating error message popping up on screen.



Here are some top tips for keeping your device cool and fire-safe:

- Keep your laptop clean. The number one reason laptops overheat is due to dust, animal hair, and other small particles collecting in the case. Ensure your device is on a clean surface.
- Always operate your device in a cool place away from the sun.
- Do not cover the vents on your device. Avoid putting your laptop on blankets and carpets.
- Don't use your laptop directly on your lap – it can block the vents and cause overheating. Invest in a laptop tray or use it while sitting at a table.
- Power off when not in use. If you're not going to use your laptop for a few hours, turn off the device completely, don't leave it on standby. This will allow the core components to cool completely.

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

Charging batteries safely

On the evening of Tuesday 28 June 2022, a fire broke out at the Northampton Maintenance Delivery Unit stores building.

It quickly grew and destroyed the building. Although the building was not occupied and there were no injuries, the fire was able to spread rapidly due to the age and construction of the building.

The fire service's initial advice indicates that the source of ignition was most likely lithium-ion batteries which were charging and overheated, causing 'thermal runaway'.

Reasons for this can include:

- Physical/mechanical damage to the battery cells e.g., dropping the battery, or damage occurring during transportation
- Short circuiting
- Over-charging.

Discussion points:

- Do you know which devices contain lithium-ion batteries?
- Are all devices suitably checked and inspected?
- Could the batteries be charged within a dedicated room which is fire separated from the rest of the building or in a dedicated fire-resisting cabinet? Batteries should always be removed from the charger when charged.
- Are batteries and chargers inspected for damage before and after use? Damaged equipment should always be marked 'Out of use'.
- Does your building have a nominated 'Person Responsible for Fire Safety', and up-to-date Fire Risk Assessments?
- Are all Stores Coordinators (or other persons where lithium-ion batteries are charged) suitably knowledgeable in use, management and emergency protocols, including fire prevention and suppression?
- Are the location of fire hydrants readily available, either on a site notice board and/or within the fire risk assessment?



Wellbeing Wednesdays

Wellbeing Wednesdays are a chance to kick-start your wellbeing journey. You can join the livestream every first Wednesday of the month and hear from wellbeing experts and rail industry professionals.

Alternatively, you can go online afterwards to watch the bite-sized content at a time that suits you.

Each month is full of insightful and practical advice, covering all aspects of health and wellbeing including sleep, diet, exercise, stress and money worries.

Upcoming sessions:

- Food to Boost Your Mood — 11:00 on Wednesday 3 August
- Rail Wellbeing Live two-day event preview — 11:00 on Wednesday 7 September

Watch the previous sessions here:

<https://www.railwellbeinglive.co.uk/wellbeing-wednesdays/>



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

Our Safety Update




24 June 2022

Look out for Lyme disease



Lyme disease is a bacterial infection that can be spread to humans by infected ticks. It's usually easier to treat if it's diagnosed early.

A circular or oval shape rash around a tick bite can be an early symptom of Lyme disease and can last for several weeks. Some people also get flu-like symptoms a few days or weeks after they were bitten by an infected tick, such as a high temperature, feeling hot and shivery, headaches, muscle and joint pain, tiredness and loss of energy.



Tick bites are not always painful and you may not notice a tick unless you see it on your skin so you should regularly check for ticks on your clothes and skin, and on children and pets after being outdoors.

To remove a tick safely:

- Use fine-tipped tweezers or a tick-removal tool.
- Grasp the tick as close to the skin as possible.
- Slowly pull upwards, taking care not to squeeze or crush the tick.
- Dispose of it when you have removed it.

Network Rail – RailHub: how does it affect you?

RailHub, which comes to Wessex on 4 July and to Kent and Sussex on 8 August, is the new integrated system that will help users digitally create, verify and authorise Safe System of Work Packs.

Once RailHub is live, it will replace the current Safe System of Work system, alongside the GZAC system that we currently use.

RailHub will also help with planning work and collaborating across the teams and supply chain when booking line blocks.

RailHub will be used by the person in charge via iPads.



Visit the new [microsite](#) to find out it will help you in your role:

[Safe Work Pack creators](#)

[Persons in Charge](#)

[Planning assistants](#)

[Signalling Community](#)

[Supply chain planners](#)

We'd love to know what topics you'd like covered in Our Safety Update, so [please let us know](#)



Latest issue of The Shield — out now

The latest issue of The Shield, the safety newspaper for rail people, is now available online.

This edition has lots of great stories, including:

- An article on our recent Safety Stand Ups.
- A guide to some beastly bugs that spell danger for track workers.
- A story on how colleagues in Kent supported a local homeless charity.

To read The Shield, [click here](#) or go to www.southernshield.co.uk

Wellbeing Wednesdays

Wellbeing Wednesdays are a chance to kick-start your wellbeing journey. You can join the livestream every first Wednesday of the month and hear from wellbeing experts and rail industry professionals. Alternatively, you can go online afterwards to watch the bite-sized content at a time that suits you.

Each month is full of insightful and practical advice, covering all aspects of health and wellbeing including sleep, diet, exercise, stress and money worries.

Upcoming sessions:

Caring for Carers - 11am on Wednesday 6 July.

Food to Boost Your Mood - 11am on Wednesday 3 August.

Watch all the sessions here: www.railwellbeinglive.co.uk/wellbeing-wednesdays



Free physiotherapy for Network Rail employees

Musculoskeletal (MSK) conditions affect the joints, bones and muscles, and also include rarer autoimmune diseases and back pain. If you have any issues with joint or muscle pain and feel you would benefit from physiotherapy, you can refer yourself for free treatment.

Vita Health Group provide Network Rail employees with a free self-referral physiotherapy service (previously provided by RehabWorks). They will provide support with any muscle, soft tissue or joint pain regardless of whether this is work or non-work related. Line Managers can refer colleagues to the service, but you do not need to wait to be referred - just call: 0800 0833 324 (option 5) to find out more.

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

Our Safety Update




03 June 2022

Making level crossings safer



We need to make level crossings as safe as possible and Works Delivery Kent & Sussex routes have been completing improvements on them across their patch all year.

The risk factor for each level crossing is based on several elements, which also include if there is a 'step up' to the crossing, and if the traverse across is straight or at a skew (affecting time required to cross), as outlined to the left.



At this site - Sturry, near Canterbury - the team removed the skew and the step up, thereby making the crossing safer for the public.

They also installed yellow anti-slip to increase visibility and will install solar lights in the next week or so.

In addition, the team cut back the conductor rails to 3m beyond the anti-trespass grids to remove this risk too and to meet required standards.

Test before Touch on OLE - ensure an Authorised or Nominated Person is in the team

The investigation into a worker's severe burns at Wolverton has revealed that there is uncertainty across the industry about what is required by the Test before Touch lifesaving rule on Overhead Line Equipment (OLE).

In the early hours of 14 May 2021, track renewal contractors were working in a Network Rail managed engineering worksite at Wolverton, checking and adjusting the OLE to remove a temporary speed restriction.

The work group using a Mobile Elevating Work Platform (MEWP) unknowingly strayed outside the isolation. A linesperson touched the live OLE when they used a tool to take a measurement and received burns from an electric shock of up to 25kV. The Test before Touch life saving rule must be followed every time when working on or near OLE.

The incident is a reminder of the need to apply the Test before Touch process in third rail areas, both at site and when moving around when on or near the line.

We have had a number of events where workers have moved outside of the isolated sections and equipment has come into contact with the live rail. If in doubt, re-test and make sure the third rail is isolated before going near it. Always carry out a test when first accessing the track, when going beyond a break in the conductor rail or when in doubt about the limits of an isolation.

We'd love to know what topics you'd like covered in Our Safety Update, so [please let us know](#)

A momentary lapse in concentration can cause serious injury



On 5 May an experienced colleague was crossing over the cess rail, from the cess into the 4 foot, of the up Chatham loop.

As they did so they appear to have slipped on loose ballast on top of a concrete sleeper and fell backwards and to their left.

This resulted in them dislocating their shoulder and being in considerable pain and discomfort for a number of hours until the ambulance arrived and they were taken for treatment in A&E.

Lessons learnt / discussion points

- Most of us have been in this position. Our colleague has decades of service and is normally mindful of crossing rails, yet on this occasion a momentary lapse in concentration resulted in a really serious fall. What might they have done differently?
- Do you always ensure you step on ballast rather than sleepers, especially when crossing rails and negotiating switches and crossings?
- Do you take those essential few seconds when you have to cross over rails to slow down or stop, look where you are going to place your feet and ensure that the area is level and stable, cross ballast to ballast and at right angles?
- Let's go 'feet first, not head first'!

NSCD benefits posters



Look out for posters explaining how it is safer working with Negative Short-Circuiting Devices (NSCDs) and where to get further information. If you can't see one, please request a copy from David.Pereira@networkrail.co.uk if you work for a supply chain partner or your WHSEA if you're Network Rail.

NSCDs provide a host of benefits to users, such as:

Offering protection against inadvertent energisation of an isolated section by an electric train bridging from an adjacent live section

Preventing, via electrical interlocking, against an inadvertent closure of a circuit breaker

Being demonstrably compliant with the Electricity at Work Regulations

Solely Southern region

Discussions and events for Men's Health Week - 13 to 19 June

There are some really informative and inspiring sessions planned across the region for Men's Health Week! But please note that the events are for everyone, not just our male colleagues, with guest speakers providing advice on all aspects of our health and wellbeing, including: physiotherapy, diabetes and prostate cancer. These are:

Thursday 9 June at 11.00 - myths and facts around Type 2 Diabetes

Join Roczen's Associate Professor Dr. Dipesh Patel and Dr. Danielle Eaton to learn about the myths and facts around Type 2 Diabetes and how you can reverse, manage and prevent getting it.

Tuesday 14 June between 12.00 and 12.45 - Kirsty Fattore from the Vita Health Groups talks physiotherapy

Vita Health provides a free physiotherapy self-referral service (previously provided by RehabWorks). Join the session to hear how Vita Health Group focus on helping you return to your normal work and life activities by providing immediate assistance and advice. You can find out more about this service [here](#).

Thursday 16 June between 12.00 and 15.00 - Optima Health visit at Basingstoke

Our Occupational Health team, Optima Health will be talking about the medical process, including the New Health, Safety & Wellbeing Medicals, prostate cancer awareness and tips to maintain positive wellbeing.

Friday 17 June between 10.00 and 10.45 - Transport Benevolent Fund

Come and find out about the financial, health and welfare benefits of being a member.

To join any of these sessions, visit the Southern region [D&I page](#) and click on the event(s) you prefer.

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

Our Safety Update



Slip causes nasty puncture wound

27 May 2022



On 10 May a colleague was tidying up stressing kit in the stores of London Bridge MDU when they slipped on a stressing pole / ram and landed on the stressing kit saddle, causing a puncture wound around 10mm diameter in size to their lower right leg.

As you can see from the picture, this was a nasty wound, compounded by the area and equipment they fell on being very dirty and oily.

First Aid was given by line managers and the injured person was taken to hospital where they received 3 stitches.

Lessons learnt / discussion points

- Do we always consider the risks associated with working in and around our depots and stores, as well as those associated with lone working?
- Are we always mindful of where we are placing our feet and avoid standing on unstable or slippery items?
- Do we always keep our floor areas clear and tidy? If not, why not?
- If we need help, why don't we ask for it? Manual handling tasks are obviously easier with assistance, provided one of us takes the lead.

Specifically Supply Chain

Automated Intelligent Video Review (AIVR)



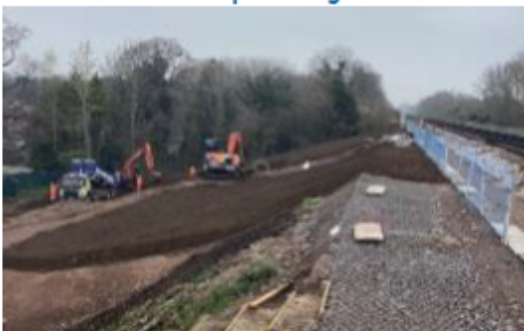
AIVR continually captures video from across the rail network, providing instantly accessible video for visual review. Built for critical and challenging environments, AIVR enables you to review the environment remotely and safely.

Footage is captured locally using a go pro or via forward-facing cameras placed on or in trains. The footage is then used to produce algorithms that will be able to tell if trees or vegetation is encroaching on the path of trains and it will also be able to detect if anything is within the 1.25m or 2m distance of the nearest running line.

As an NR supplier working on the infrastructure, if you wish to have access to AIVR, please contact One Big Circle via support@onebigcircle.co.uk. And for more information, join our virtual training sessions, which take place every Friday Via Teams between 11.00 and 12.00. The next sessions - on 10 and 17 June - can be accessed via these links: 10 June 2022: [Teams meeting](#) 17 June 2022: [Teams meeting](#)

We'd love to know what topics you'd like covered in Our Safety Update, so [please let us know](#)

Route to Gold - top scoring site for P13 was Hassocks Embankment



Although Route to Gold is a performance measurement initiative within the Southern region Capital Delivery supply chain, the good practice demonstrated is useful for anyone in the rail industry.

Period 13's highest scoring site was at Hassocks Embankment, run by BAM Nuttall. As well as working carefully to overcome ecological constraints, the site team was very proactive with the public and lineside neighbours.

You can read the entire account, as well as seeing who won the other Gold and Silver places, online on the Southern Shield site [here](#).

Solely Southern region

Optima Health and You



Don't forget the following virtual sessions from Optima health are available to all line managers. Join your regional Occupational Health Clinical Lead, Georgie Wynne and Client Service Manager, Teresa Harris from Optima to find out more about the impact wellbeing can have on your team and how you can provide additional support.

Health, Safety & Wellbeing Medical (HSW): Why it is needed and your responsibility as a Line Manager

The session covers what the HSW is, why we need it, what it involves and what happens if you don't do it. The last session is on 23 June between 2 and 3pm,

Health Surveillance

This talks about what it is, why we need it, our legal responsibilities, your duty of care as a line manager and what happens if we don't do it. The last session is on 16 June between 1.30 and 2.30pm,

Identifying and managing work related stress and how to promote resilience in the workplace

Find out about what exactly stress is, why some people manage stress better than others, separating performance issues from mental ill health. There is a session on 28 June 11.30-12.30,

When and how to make a good Occupational Health Referral

Find out more about a Performance and Attendance Management referral (P & AM), when to refer to occupational health, what to include in your referral and the questions to ask – plus much more. There is a session on 14 June between 2 and 3pm,

To visit the Optima Health and You virtual platform and see the wealth of support on offer, click on this [link](#). Username is Southern. Password is OptimaHealth1

To join any of the sessions listed above, click on 'Engagement' in the top menu bar, then scroll down to the relevant session under 'Optima Health Upcoming Live Q&As'

Mental Health First Aider refresher course - Monday 13 June 09.00 to 13.00

If you are a Mental Health First Aider and need a refresher, there's an online course coming up soon. This four-hour course will support you in your work by:

- Renewing your skills
- Updating your knowledge of mental health support
- Giving you the chance to practise applying the Mental Health First Aider action plan

Click [here](#) to register for the course. Or for more details about being a Mental Health First Aider or to find information about the resources and support available to you, look on our [Wellbeing Hub](#).

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

Other Safety Information



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

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