

September 2021 ACS Rail Updates

Welcome to the **September 2021** edition of ACS Rail updates.

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

The ACS Team

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BRIEFING REQUIREMENTS:

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



Changes to Network Rail Standards

Issue 121: 04th September 2021 – 03rd December 2021

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 121 - 04 September 2021 New and Up-Issued Standards

References	Title	Replaces
NR/GN/TRK/7001 Issue 17	Index of Track Work Information Sheets (TWI)	NR/GN/TRK/7001 Issue 16
NR/L1/TEL/30102 Issue 2	Network Rail Asset Management Policy - Telecommunications Engineering	NR/L1/TEL/30102 Issue 1
NR/L1/XNG/100 Issue 3	Level Crossings Asset Policy	NR/L1/XNG/100 Issue 2
NR/L2/ELP/27238 Issue 8	Maintenance Specification for Fixed Plant Equipment	NR/L2/ELP/27238 Issue 7
NR/L2/OHS/032 Issue 3	Training, Competence and Assessment in Accident and Incident Investigation	NR/L2/OHS/032 Issue 2
NR/L2/RSE/100 Issue 6	Network Rail Assurance Panel Processes	NR/L2/RSE/100 Issue 5
NR/L2/RSK/290 Issue 2	Business Continuity Management (BCM)	NR/L2/OPS/290 Issue 1 NR/L1/OPS/290 Issue 1
NR/L2/SIG/11400 Issue 8	HPSS Handbook	NR/L2/SIG/11400 Issue 7
NR/L2/SIG/11752 Issue 3	Train Detection Handbook	NR/E/S/11752 Issue 2
NR/L2/SIG/11764 Issue 2	Track Circuit Interrupters	RT/E/PS/11764 Issue 1
NR/L2/SIG/30009 Issue 20	Signalling Principles Handbook	NR/L2/SIG/30009 Issue 19
NR/L2/SIG/30014 Issue 19	Signalling Works Testing Handbook	NR/L2/SIG/30014 Issue 18
NR/L2/SIG/30035 Issue 5	Signalling and Level Crossing Scheme Approval Process	NR/L2/SIG/30035 Issue 4 NR/PRC/MPI/ST0029 Issue 2
NR/L3/SIGELP/50000 Issue 4	Safe Working and Maintenance on or near Signalling Power Distribution Equipment Above 175 V AC	NR/L2/SIGELP/50000 Issue 3
NR/L2/TEL/30135 Issue 6	Video Surveillance Systems (VSS)	NR/L2/TEL/30135 Issue 5
NR/L2/TRK/001 Issue 20	Inspection and Maintenance of Permanent Way	NR/L2/TRK/001 Issue 19
NR/L2/TRK/035 Issue 1	Track Asset Management Strategies	New at Issue 121
NR/L2/TRK/038 Issue 8	Track Geometry: Management of Recording and of Intervention and Immediate Actions Limits	NR/L2/TRK/038 Issue 7
NR/L2/XNG/202 Issue 1	Prioritisation of Level Crossing Defects	New at Issue 121
NR/L2/XNG/19608 Issue 8	Inspection of Level Crossing Systems	NR/L2/SIG/19608 Issue 7
NR/L3/ELP/21060 Issue 3	Work on or near 650/750 V DC Traction Power Distribution Equipment (Including the Issue of Safety Documentation)	NR/SP/ELP/21060 Issue 2
NR/L3/ELP/27237 Issue 23	Overhead Line Work Instructions	NR/L3/ELP/27237 Issue 22
NR/L3/ELP/27241 Issue 5	Fixed Plant Work Instructions	NR/L3/ELP/27241 Issue 4
NR/L3/ELP/29987 Issue 6	Working on or About 25 kV A.C. Electrified Lines	NR/L3/ELP/29987 Issue 5
NR/L3/ENV/305 Issue 3	How to Change Utility Supplies	NR/L3/ENV/305 Issue 2
NR/L3/INV/3001 Issue 7	Reporting and Investigation Manual	NR/L3/INV/3001 Issue 6
NR/L3/MTC/MG0176 Issue 7	Ellipse Work Management Handbook	NR/L3/MTC/MG0176 Issue 6
NR/L3/MTC/MG0221 Issue 6	Management Self Assurance Procedure	NR/L3/MTC/MG0221 Issue 5
NR/L3/MTC/RCS0216 Issue 22	Risk Control Manual	NR/L3/MTC/RCS0216 Issue 21
NR/L3/MTC/MG0176 Issue 7	Ellipse Work Management Handbook	NR/L3/MTC/MG0176 Issue 6
NR/L3/MTC/MG0221 Issue 6	Management Self Assurance Procedure	NR/L3/MTC/MG0221 Issue 5
NR/L3/MTC/RCS0216 Issue 22	Risk Control Manual	NR/L3/MTC/RCS0216 Issue 21
NR/L3/OHS/005 Issue 1	Design and Construction Management in a High Street Environment	New at Issue 121
NR/L3/OPS/045 Issue 19	National Operating Procedures Index	NR/L3/OPS/045 Issue 18
NR/L3/OPS/251 Issue 4	Unmanned Aircraft System (Drone/UAS) Operations	NR/L3/OPS/251 Issue 3
NR/L3/SIG/10064 Issue 10	General Instructions to Staff Working on S&T Equipment	NR/L3/SIG/10064 Issue 9
NR/L3/SIG/10661 Issue 21	Signalling Maintenance Task Intervals	NR/L3/SIG/10661 Issue 20
NR/L3/SIG/10663 Issue 13	Signal Maintenance Specifications	NR/L3/SIG/10663 Issue 12
NR/L3/SIG/10665 Issue 20	Reliability Centred Maintenance of Signalling Equipment	NR/L3/SIG/10665 Issue 19
NR/L3/SIG/11231 Issue 16	Signal Maintenance Testing Handbook	NR/L3/SIG/11231 Issue 15
NR/L3/SIG/11235 Issue 1	Signal Intermediate Testing Handbook	New at Issue 121
NR/L3/SIGELP/50001 Issue 5	Signalling Power Distribution Equipment Above 175 V AC (Work Instructions)	NR/L3/SIGELP/50001 Issue 4
NR/L3/TRK/003 Issue 37	Index of Track Engineering Forms	NR/L3/TRK/003 Issue 36
NR/L3/TRK/3510 Issue 3	Rail Friction Management	NR/L3/TRK/3510 Issue 2
NR/L3/TRK/7013 Issue 1	Planning and Installation of Temporary Rail Joints	New at Issue 121

Withdrawn, Closed and Superseded Documents

References	Title	Replaced by/Status
NR/E/S/11752 Issue 2	Train Detection	NR/L2/SIG/11752 Issue 3
NR/GN/INI/P3M/150 Iss 1	Sponsor's Handbook	Withdrawn
NR/GN/TRK/7001 Issue 16	Index of Track Work Information Sheets (TWI)	NR/GN/TRK/7001 Issue 17
NR/L1/INI/P3M/100 Iss 1	Project, Programme and Portfolio Management (P3M) Framework Policy	Withdrawn
NR/L1/OPS/290 Issue 1	Network Rail Business Continuity Management	NR/L2/RSK/290 Issue 2
NR/L1/TEL/30102 Issue 1	Network Rail Asset Management Policy -Telecommunications Engineering	NR/L1/TEL/30102 Issue 2
NR/L1/XNG/100 Issue 2	Level Crossings Asset Policy	NR/L1/XNG/100 Issue 3
NR/L2/ELP/27238 Issue 7	Maintenance Specification for Fixed Plant Equipment	NR/L2/ELP/27238 Issue 8
NR/L2/INI/P3M/101 Iss 5	Governance for Railway Investment Projects (GRIP) – Projects	Withdrawn
NR/L2/INI/P3M/104 Iss 2	Network Rail Requirements	Withdrawn
NR/L2/INI/P3M/105 Iss 2	Assurance of Project, Programme and Portfolio Delivery	Withdrawn
NR/L2/INI/P3M/106 Iss 1	Risk Management for Project, Programme and Portfolio Delivery	Withdrawn
NR/L2/OHS/032 Issue 2	Training, Competence and Assessment in Accident and Incident Investigation	NR/L2/OHS/032 Issue 3
NR/L2/OPS/290 Issue 1	Business Continuity Management	NR/L2/RSK/290 Issue 2
NR/L2/RSE/100 Issue 5	Network Rail Assurance Panel Processes	NR/L2/RSE/100 Issue 6
NR/L2/SIG/11400 Issue 7	HPSS Handbook	NR/L2/SIG/11400 Issue 8
NR/L2/SIG/19608 Issue 7	Level Crossing Asset Inspection and Implementation of Minimum Action Codes	NR/L2/XNG/19608 Issue 8
NR/L2/SIG/30009 Issue 19	Signalling Principles Handbook	NR/L2/SIG/30009 Issue 20
NR/L2/SIG/30014 Issue 18	Signalling Works Testing Handbook	NR/L2/SIG/30014 Issue 19
NR/L2/SIG/30035 Issue 4	Signalling and Level Crossing Scheme Approval Process	NR/L2/SIG/30035 Issue 5
NR/L2/SIGELP/50000 Issue 3	Safe Working and Maintenance on or near Signalling Power Distribution Equipment Above 175 V	NR/L2/SIGELP/50000 Issue 4
NR/L2/TEL/30135 Issue 5	Video Surveillance Systems (VSS)	NR/L2/TEL/30135 Issue 6
NR/L2/TRK/001 Issue 19	Inspection and Maintenance of Permanent Way	NR/L2/TRK/001 Issue 20
NR/L2/TRK/038 Issue 7	Track Geometry: Management of Recording and of Intervention and Immediate Actions Limits	NR/L2/TRK/038 Issue 8
NR/L3/ELP/27237 Issue 22	Overhead Line Work Instructions	NR/L3/ELP/27237 Issue 23
NR/L3/ELP/27241 Issue 4	Fixed Plant Work Instructions	NR/L3/ELP/27241 Issue 5
NR/L3/ELP/29987 Issue 5	Working on or About 25 kV A.C. Electrified Lines	NR/L3/ELP/29987 Issue 6
NR/L3/ENV/305 Issue 2	How to Change Utility Supplies	NR/L3/ENV/305 Issue 3
NR/L3/INI/P3M/120 Iss 1	Governance for Railway Investment Projects (GRIP) – Starting a Project	Withdrawn
NR/L3/INI/P3M/121 Iss 1	Governance for Railway Investment Projects (GRIP) – Initiating a Project	Withdrawn
NR/L3/INI/P3M/122 Iss 1	Governance for Railway Investment Projects (GRIP) - Leading a Project	Withdrawn
NR/L3/INI/P3M/123 Iss 1	Governance for Railway Investment Projects (GRIP) - Controlling a Stage	Withdrawn
NR/L3/INI/P3M/124 Iss 1	Governance for Railway Investment Projects (GRIP) - Managing a Stage Boundary	Withdrawn
NR/L3/INI/P3M/125 Iss 1	Governance for Railway Investment Projects (GRIP) - Closing a Project	Withdrawn
NR/L3/INI/P3M/126 Iss 1	Network Rail Requirements Manual	Withdrawn
NR/L3/INI/P3M/127 Iss 2	Peer Reviews of Project and Programme Delivery	Withdrawn
NR/L3/INI/P3M/128 Iss 2	Project, Programme and Portfolio Management (P3M), Commercial and Engineering Functions Assurance	Withdrawn
NR/L3/INI/P3M/129 Iss 1	Planning and Scheduling Manual	Withdrawn
NR/L3/INI/P3M/130 Iss 1	Controls Manual	Withdrawn
NR/L3/INI/P3M/133 Iss 1	Consolidated Assurance of Project, Programme and Portfolio Delivery	Withdrawn
NR/L3/INI/P3M/134 Iss 1	Quantitative Cost Risk Assessment (QCRA) for Project, Programme and Portfolio Delivery	Withdrawn
NR/L3/INI/P3M/135 Iss 1	Quantitative Schedule Risk Assessment (QSRA) for Project, Programme and Portfolio Delivery	Withdrawn
NR/L3/INV/3001 Issue 6	Reporting and Investigation Manual	NR/L3/INV/3001 Issue 7
NR/L3/MTC/MG0176 Issue 6	Ellipse Management Handbook	NR/L3/MTC/MG0176 Issue 7
NR/L3/MTC/MG0221 Issue 5	Network Operations Non-Operations Staff Management Self-Assurance Procedure	NR/L3/MTC/MG0221 Issue 6
NR/L3/MTC/RCS0216 Issue 21	Risk Control Manual	NR/L3/MTC/RCS0216 Issue 22

Standards Updates



References	Title	Replaced by/Status
NR/L3/OPS/045 Issue 18	National Operating Procedures Index	NR/L3/OPS/045 Issue 19
NR/L3/OPS/251 Issue 3	Unmanned Aircraft System (Drone/UAS) Operations	NR/L3/OPS/251 Issue 4
NR/L3/SIG/10064 Issue 9	General Instructions to Staff Working on S&T Equipment	NR/L3/SIG/10064 Issue 10
NR/L3/SIG/10661 Issue 20	Signalling Maintenance Task Intervals	NR/L3/SIG/10661 Issue 21
NR/L3/SIG/10663 Issue 12	Signal Maintenance Specifications (SMS)	NR/L3/SIG/10663 Issue 13
NR/L3/SIG/10665 Issue 19	Reliability Centred Maintenance of Signalling Equipment	NR/L3/SIG/10665 Issue 20
NR/L3/SIG/11231 Issue 15	Signal Maintenance Testing Handbook	NR/L3/SIG/11231 Issue 16
NR/L3/SIGELP/50001 Issue 4	Signalling Power Distribution Equipment Above 175 V (Work Instructions)	NR/L3/SIGELP/50001 Issue 5
NR/L3/TRK/003 Issue 36	Index of Track Engineering Forms	NR/L3/TRK/003 Issue 37
NR/L3/TRK/3510 Issue 2	Rail Friction Management	NR/L3/TRK/3510 Issue 3
NR/PRC/MPI/ST0029 Issue 2	Signalling Scheme Plan Number Controls	NR/L2/SIG/30035 Issue 5
NR/SP/ELP/21060 Issue 2	Issue of Safety Documentation for Work on 650/750 V d.c. Apparatus	NR/L3/ELP/21060 Issue 3
RT/E/PS/11764 Issue 1	Track Circuit Interrupters	NR/L2/SIG/11764 Issue 2

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/477	Standard/control document affected: NR/L3/OPS/009 (Issue 4), Track Circuit Operating Device (T-COD) Identification of Locations for use	1	13/07/2021
NR/BS/LI/474	Standard/control document affected: NR/L3/OPS/021 Module 8 (Issue 1), Managing The Weather - Earthworks	1	20/05/2021
NR/BS/LI/473	Standard/control document affected: NR/L3/OPS/021 Module 13 (Issue 1), Managing the Weather – Extreme Weather Response Process – SUPERSEDES NR/BS/LI/454	1	20/05/2021
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/471	Standard/control document affected: NR/L3/OPS/009 (Issue 4), Track Circuit Operating Device (T-COD) Identification of Locations for use – SUPERSEDED BY NR/BS/LI/477 – HISTORIC ON 13/07/2021	1	01/05/2021
NR/BS/LI/470	Standard/control document affected: NR/SP/ELP/21060 (Issue 2), Issue of Safety Documentation for Work on 650/750 V dc Apparatus	1	19/04/2021
NR/BS/LI/469	Standard/control document affected: NR/L3/OPS/045/3.17 (Issue 3), Weather Arrangements – SUPERSEDES NR/BS/LI/455	1	21/05/2021
NR/BS/LI/468	Standard/control document affected: NR/L3/ELP/27241 (Issue 4), Fixed Plant Work Instructions	1	25/03/2021
NR/BS/LI/467	Standard/control document affected: NR/L2/ELP/27238 (Issue 7), Maintenance Specification for Fixed Plant Equipment	1	25/03/2021
NR/BS/LI/466	Standard/control document affected: NR/L2/ELP/21088 (Issue 4), General Maintenance Parameters for Overhead Line Electrification Equipment	1	25/03/2021
NR/BS/LI/465	Standard/control document affected: NR/SP/ELP/27224 (Issue 2), Specification for the installation of cable routes forming part of the traction distribution system	1	01/03/2021
NR/BS/LI/464	Standard/control document affected: NR/L3/ELP/27240 (Issue 11), Distribution Work Instructions.	1	08/03/2021
NR/BS/LI/462	Standard/control document affected: NR/L3/OPS/251 (Issue 3), Unmanned Aircraft System (Drone/UAS) Operations WITHDRAWN BY NR/L3/OPS/251 ISSUE 4 – HISTORIC ON 04/09/2021	1	08/12/2020
NR/BS/LI/461	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	1	13/11/2020
NR/BS/LI/457	Standard/control document affected: NR/L3/ELP/29987 [Working On or About 25 kV a.c Electrified Lines]	1	22/12/2020
NR/BS/LI/456	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	1	14/09/2020
NR/BS/LI/455	Standard/control document affected: NR/L3/OPS/045/3.17 Weather Arrangements (Issue 03)	1	14/09/2020
NR/BS/LI/454	Standard/control document affected: NR/L3/OPS/021 Module 13 Managing the Weather – Extreme Weather Response Process (Issue 01) – SUPERSEDED BY NR/BS/LI/473 - HISTORIC 20/05/2021	1	14/09/2020
NR/BS/LI/453	Standard/control document affected: NR/L3/OPS/021 Module 8 Managing The Weather - Earthworks (Issue 01) - SUPERSEDED BY NR/BS/LI/473 - HISTORIC 20/05/2021	1	18/08/2020
NR/BS/LI/442	Standard/control document affected: NR/L2/TRK/1054 (Issue 5), Inspection of cast, welded and fabricated crossings in the track	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/429	Standard/control document affected: NR/SP/CTM/016 Issue 1, Competency & Training in Fixed Plant Engineering	1	15/06/2020
NR/BS/LI/428	Standard/control document affected: NR/L3/TRK/3510/A01 (Issue 1), Lubrication of Plain Line Running Rails, Check Rails and S&C	1	22/07/2020
NR/BS/LI/426	Standard/control document affected: NR/L1/CIV/032 (Issue 2), The Management of Structures	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	1	16/01/2015

Standards Updates

Reference	Title	Issue	Date
NR/BS/LI/342	Standard affected: NR/SP/ELP/21028 (Issue 3). Specification for ancillary wiring of electrical distribution equipment on A.C. and D.C. electrified lines	1	13/04/2016
NR/BS/LI/331	Requirements for parapet heights on over bridge and footbridge structures spanning overhead line electrification equipment	3	18/12/2020
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]	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	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/091	Use of CEMBRE Rail Web Connection Systems on DC Conductor Rail - standard affected NR/GN/ELP/27020	1	27/05/2008
NR/BS/LI/061	Dangerous Incident Notification: 11kV indoor switchgear type YSF6 manufactured by Yorkshire Switchgear <u>WITHDRAWN BY NR/L2/ELP/23001 ISSUE 1 – HISTORIC ON 06/03/2022</u>	1	23/11/2006
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	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
NR/BS/LI/025	Paralleling of EDFE Supply Points New Cross - Croydon. Wimbledon. Northfleet: Restrictions	3	07/01/2008

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 36](#)

This Leaflet contains details of changes to the Rule Book (GERT8000) being published in September 2021 and in-force December 2021.

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 10](#)

Issued: 04/09/2021

In Force: 04/12/2021



Controlled Document List 04 September 2021

Key

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

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

GROUP STANDARDS Website: http://www.rssb.co.uk/railway-group-standards		
Ref. / Title	Issue No	Issue Date
Modular Rulebook GE/RT8000/ (See separate page for listed modules and issue dates)	-----	-----
GERM8000 Possession Workers Manual	6	03/2021
GERM8000 Possession Workers Manual	7	09/2021
GERM8000 Track Workers Manual	8	03/2021
GERM8000 Track Workers Manual	9	09/2021
GERM8000-master-module Master Module Manual	9.1	06/2021
GERM8000-master-module Master Module Manual	10	09/2021
GEEN8570 Guidance on the Management of Drugs and Alcohol	2	12/2012
GEEN8613 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	12/2017
RIS-3118-TOM Incident Response Planning & Management	2	12/2019
RIS-3119-TOM Rail Industry Standard for Accident and Incident Investigation	2.2	03/2019
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 Testing Railway Safety Critical Workers for Drugs and Alcohol	1	12/2016

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

Controlled Documents



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 S1548 Safety Critical Work	A6	02/2020
LUL S1548 Safety Critical Work	A7	09/2021
LUL S1552 Contract QUENSH Conditions Incorporating written notice: 10/05/2017, 02/05/2019	A18	11/2016
LUL S1601 Management Arrangements to Assure Medical Fitness	A5	01/2012
LUL TE-HBS-0017 Managing competence and training	A1 Cat 3	02/1995

NETWORK RAIL STANDARDS		
Ref. / Title	Issue No	Issue Date
NR/CAT/STP/001 Catalogue of Network Rail Standards	120	06/2021
PTS Handbook RT 3170	10	2020
NR/L2/AMG/1030 Working Safely in the Vicinity of Buried Services	1	12/2008
NR/GN/CIV/065 Examination of Earthworks Guidance Manual	1	06/2021
NR/GN/CIV/208 Ground Investigation	1	12/2018
NR/L2/CIV/003 Engineering and Architectural Assurance of Building and Civil Engineering Works	6	09/2020
NR/L2/CIV/035 Management of Structures	2	06/2019
NR/L2/CIV/086 Management of Earthworks	10	06/2021
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/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/040 Work Instruction for the use of Protective Coating Systems	2	06/2019
NR/L3/CIV/170 Assessment of Tunnels	1	03/2019
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/GN/CPR/401 Guidance on Contractual Health and Safety Requirements	1	12/2008
NR/L2/CPR/201 Supplier Qualification	2	12/2011
NR/L2/CPR/302 Supplier Qualification - Core Requirements (For PCL / POL Holders)	2	09/2011
NR/L2/CSG/STP001 Standards and Controls Management Manual	8	06/2020
NR/CS/CTM/001 Competence Management	1	12/2006
NR/L2/CTM/017 Competence and Training in Civil Engineering	1	06/2006
NR/L2/CTM/021 Competence & Training in Track Safety	4	12/2010
NR/L2/CTM/025 Competence & Training in On-Track Plant Operation & Activities	2	03/2021
NR/L2/CTM/201 Competence Management	2	03/2012
NR/L2/CTM/202 Quality Assurance in Training & Assessment	3	12/2019
NR/L2/CTM/207 Competence & Training in Planning	2	06/2012

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NETWORK RAIL STANDARDS		
Ref. / Title	Issue No	Issue Date
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	4	06/2020
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/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	6	06/2021
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	22	03/2021
NR/L3/ELP/27237 Overhead Line Work Instructions	23	09/2021
NR/L3/ELP/3091 DC Electrified Lines Working Instructions	5	09/2019
NR/L3/ELP/29987 Working on or About 25 KV AC Electrified Lines	5	12/2018
NR/L3/ELP/29987 Working on or About 25 KV AC Electrified Lines	6	09/2021
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/L2/INI/P3M/101 Business Process – Governance of Railway Investment Projects (GRIP) – for Projects	5	09/2017
NR/L2/INI/P3M/104 Network Rail Requirements (formerly NR/L1/INI/CP0095)	2	09/2017
NR/L3/INI/CP0028 Contract Requirements - Quality	3	06/2012

Controlled Documents



NETWORK RAIL STANDARDS		
Ref. / Title	Issue No	Issue Date
NR/L3/INI/CP0036 Provision of Welfare Facilities	4	08/2008
NR/L3/INV/3001 Reporting and Investigation Manual Also replaces NR/L2/INV/002	6	12/2020
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	8	03/2021
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/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	06/2021
NR/L3/MTC/RCS0216 Risk Control Manual	22	09/2021
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	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
NR/L2/OHS/00124 Competence Specific Medical Fitness Requirements and Occupational Health Provider Requirements for Medical Assessments	3	12/2016
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/005 High Street Environment & Conditions for Work outside Network Rail Managed Infrastructure	7	09/2010
NR/L2/OHS/019 Safety of People working on or near the Line	10	12/2020
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	2	12/2020
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	2	06/2021

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NETWORK RAIL STANDARDS		
Ref. / Title	Issue No	Issue Date
NR/L2/OHS/157 Health surveillance for silica and asbestos and the management of diagnosed occupational respiratory conditions	1	03/2017
NR/L3/OHS/005 Design and Construction Management in a High Street Environment	1	09/2021
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/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	5	03/2020
NR/L3/OPS/251 Unmanned Aircraft System (Drone/UAS) Operations	3	09/2019
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 Issue 1 Index of Off-Track Drawings	2	03/2021
NR/L2/OTK/5201 Lineside Vegetation Management Manual	5	12/2020
NR/GN/RMVP/0200 Infrastructure Plant Manual Guidance	1	12/2018
NR/L2/RMVP/0200 Infrastructure Plant Manual	10	12/2018
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	2	12/2011
NR/L2/RSE/100 Network Rail Acceptance Panel processes	5	06/2019
NR/L2/RSE/100 Network Rail Acceptance Panel processes	6	09/2021
NR/L1/RSK/001 Network Rail Risk Policy	3	09/2019
NR/L2/SCO/302 Supplier Qualification Requirements	1	06/2020
NR/L3/SCO/313 On-Track Machines (OTMs) Driver and Operations Standards Manual	10	06/2021
NR/L3/SCO/314 Engineering Assurance for T&RS, OTM and OTP Projects	1	12/2018
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	14	06/2021
NR/L2/SIG/14201 Signalling Risk Assessment Handbook	5	12/2020
NR/L2/SIG/30009 Signalling Principles Handbook	19	12/2020
NR/L2/SIG/30009 Signalling Principles Handbook	20	09/2021
NR/L2/SIG/30014 Signalling Works Testing Handbook	18	06/2021
NR/L2/SIG/30014 Signalling Works Testing Handbook	19	09/2021
NR/L3/SIG/10064 General Instructions to Staff Working on S&T Equipment	9	12/2020
NR/L3/SIG/10064 General Instructions to Staff Working on S&T Equipment	10	09/2021
NR/L3/SIG/10661 Signal Maintenance Task Intervals	20	12/2020

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NETWORK RAIL STANDARDS		
Ref. / Title	Issue No	Issue Date
NR/L3/SIG/10661 Signal Maintenance Task Intervals	21	09/2021
NR/L3/SIG/10663 Signal Maintenance Specifications	12	12/2020
NR/L3/SIG/10663 Signal Maintenance Specifications	13	09/2021
NR/L3/SIG/11231 Signal Maintenance Testing Handbook	15	03/2020
NR/L3/SIG/11231 Signal Maintenance Testing Handbook	16	09/2021
NR/L3/SIG/11235 Signal Intermediate Testing Handbook	1	09/2021
NR/L3/SIG/MG0110 Imposition & Removal of Temporary Speed Restrictions	3	06/2012
NR/L2/SIGELP/50000 Safe working and maintenance on or near Signalling Power Distribution Equipment above 175 volts	3	03/2017
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	4	12/2017
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	6	06/2021
NR/GN/TRK/7001 Index of Track Work Information Sheets (TWI)	16	09/2019
NR/GN/TRK/7001 Index of Track Work Information Sheets (TWI)	17	09/2021
NR/L1/TRK/100 Management of Track Assets	1	03/2020
NR/L2/TRK/001 Inspection and Maintenance of Permanent Way	19	06/2021
NR/L2/TRK/001 Inspection and Maintenance of Permanent Way	20	09/2021
NR/L2/TRK/4239 Track Bed Investigation, Design and Installation	2	09/2020
NR/L3/TRK/003 Index of Track Engineering Forms	36	06/2021
NR/L3/TRK/003 Index of Track Engineering Forms	37	09/2021
NR/L3/TRK/3530 Track Lubricants	1	06/2012
NR/L3/TRK/7006 Creation and Application of Initial ESR Design	1	03/2019
NR/L3/TRK/7013 Planning and Installation of Temporary Rail Joints	1	09/2021
NR/L3/TRK/7014 Inspection and Maintenance of Permanent Way using Risk Based Maintenance (Plain Line CWR Track)	1	03/2021



OTHER STANDARDS & GUIDANCE	
Ref. / Title	Reference
BS EN ISO 14001:2015	2015
BS EN ISO 9001:2015	2015
BS EN ISO 45001:2018	2018
BS OHSAS 18001:2007 BS OHSAS 18001 has been replaced by ISO 45001 the new international standard for occupational health and safety. Organizations who are already certified to BS OHSAS 18001 will need to upgrade to ISO 45001 by March 2021.	2007
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

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



LEGISLATION	
Ref. / Title	Reference
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 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	2002 No. 1144
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

Controlled Documents



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 32	Mar 2021	Rule Book Module Issue History	This document contains updates to align with changes to Rule Book Module issues (GERT8000).
GERT8000- Issue Iss 33	Sep 2021	Rule Book Module Issue History	This document contains updates to align with changes to Rule Book Module issues (GERT8000).
GERT8000- Issue HB Iss 13	Mar 2021	Rule Book Handbook Issue History	This document has been updated to incorporate changes to handbooks published in March 2021.
GERT8000- Issue HB Iss 14	Sep 2021	Rule Book Handbook Issue History	This document contains updates to align with changes to Rule Book Handbook issues (GERT8000).
GERT8000- RBBL Iss 35.1	Jun 2021	Rule Book Briefing Leaflet	This Leaflet contains details of a change to section 4.2 of module SS2 being published in the June 2021 Periodical Operating Notice. A new requirement has been introduced to check that both facing and trailing hand-points are in the correct position before a shunting movement commences, which will prevent any movement 'pushing through' trailing points.
GERT8000- RBBL Iss 36	Sep 2021	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	The Glossary has been updated to reflect changes in terminology within TW5 which removes 'entering service' and replaces it with 'starting a journey'.
GERT8000-AC Iss 6.pdf	Sep 2020	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. "Sections 12 and 13 have been revised in two main areas. The first is avoiding a need for a driver to leave the cab for inspection purposes, or circumstances in which a driver might be allowed to leave the cab for inspection purposes before the traction current has been removed. The second is managing the removal of traction current in a way that reduces the extent of reactionary delay. The changes are intended to reduce the electrical and non-electrical safety risk overall and to reduce the adverse operational impacts caused by stranded trains. A minor amendment has been made to Section 3.3 to recognise that not all frontline staff are able to speak directly to the ECO, in which case they should inform the signaller when reporting objects and defects. An incorrect reference to red bonds has also been revised in the same section.
GERT8000-DC Iss 4	Sep 2015	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 and person in charge of sidings in DC electrified areas. This document has been updated as part of the December 2015 Rule Book Programme.

Rule Book			
Doc No & Issue	Issue Date	Title	Synopsis
GERT8000-G1 Iss 8 Live Pending Withdrawal	Mar 2021	General safety responsibilities and personal track safety for non-track workers	You will need this module if you carry out the duties of a train driver, guard, shunter, designated person (DP), signaller, crossing keeper, or platform staff.
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.
GERT8000-HB1 Iss 6 Live Pending Withdrawal	Mar 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-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 8 Live Pending Withdrawal	Sep 2020	Duties of the person in charge of a possession (PICOP)	You will need this handbook if you carry out the duties of the PICOP. Section 4.2 has been revised to facilitate the introduction of the flexible train arrival point (FTAP) into the Rule Book. Section 12.1 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.
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-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-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-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-HB16 Iss 4	Sep 2018	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 3	Sep 2015	DC electrified lines	This handbook is for those personnel who need to go on the operational railway in a DC electrified area to carry out their duties. This document has been updated as part of the December 2015 Rule Book Programme.

Controlled Documents



Rule Book			
Doc No & Issue	Issue Date	Title	Synopsis
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 a designated person (DP). This document has been updated as part of the December 2015 Rule Book Programme.
GERT8000-HB20 Iss 3.pdf Live Pending Withdrawal	Sep 2020	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. New instructions have been added at section 2.3 to facilitate the introduction of the crossing the line procedure into the Rule Book. The changes are intended to streamline the procedure for crossing the line leading to reduced workload for signaller/SWL/COSS/IWA, reduced need for staff to be waiting unproductively trackside, and crossing the line at locations that have already been assessed as suitable.
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 4 Live Pending Withdrawal	Sep 2018	Safe work leader (SWL) blocking a line	You will need this handbook if you are a safe work leader (SWL) blocking a line.
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 6.pdf Live Pending Withdrawal	Sep 2020	General duties of an individual working alone	This handbook is for those personnel with general duties of an individual working alone (IWA). New instructions have been added at section 2.5 to facilitate the introduction of the crossing the line procedure into the Rule Book. The changes are intended to streamline the procedure for crossing the line leading to reduced workload for signaller/SWL/COSS/IWA, reduced need for staff to be waiting unproductively trackside, and crossing the line at locations that have already been assessed as suitable. Section 3.2 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-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 7.pdf Live Pending Withdrawal	Sep 2020	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).



Rule Book			
Doc No & Issue	Issue Date	Title	Synopsis
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 7 Live Pending Withdrawal	Sep 2017	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 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-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-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 4 Live Pending Withdrawal	Sep 2014	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 and people working on a rail vehicle. Information on changes to this issue can be found in the Rule Book Briefing Leaflet (GERT8000-RBBL Iss 27).
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-T3 Iss 9.pdf Live Pending Withdrawal	Sep 2020	Possession of a running line for engineering work	You will need this module if you carry out the duties of a driver or signaller. Sections 2.2 and 9.7 have been revised to facilitate the introduction of the flexible train arrival point (FTAP) into the Rule Book. Section 9.8 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 10 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-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.

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 June 05](#)

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 NRB21-08 – Incident Response Packs](#) August 5, 2021
- [Safety Bulletin NRB21-07 – Unauthorised Open Line Working](#) July 7, 2021
- [NRB21-06 – Using Reminder of Live Exposed Equipment \(RoLE Equipment\)](#) July 2, 2021
- [Safety Bulletin NRB21-05 – Fire involving Network Rail laptop](#) June 22, 2021
- [Safety Bulletin NRB21-04 – Kings Cross remodelling runaway MEWP](#) June 17, 2021

Safety Advice

- [Safety Advice NRA21-13 – RIDDOR Dangerous occurrence – scaffold failure](#) September 6, 2021
- [Safety-Advice-NRA21-12-Capacitor-failure-at-Waverley-signalling-centre](#) August 20, 2021
- [Safety Advice NRA21-11- Safe use of ballast brushes](#) July 29, 2021
- [Safety Advice NRA21-10 – Angle Grinder Chainsaw Discs](#) July 15, 2021
- [Safety Advice NRA21-09 – Derailment risk following engineering work](#) June 9, 2021

Other documents

- [Safety Alert NRX21-09 – Contact with overhead line equipment](#) May 18, 2021
- [Safety Alert NRX21-06 – On track plant collision](#) May 4, 2021
- [Safety Alert NRX21-05 – Fire on tamping machine](#) April 28, 2021

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.

[Shared Learning](#)



Health & Wellbeing

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

Risk Management

[Think RISK](#) (web page)

Safety Films

<http://safety.networkrail.co.uk/Alerts-and-Campaign/Safety-Films>

In this section you will find all the safety films which are also listed in the relevant subject areas with supporting materials. Please note some of these films contain strong language and scenes which viewers might find upsetting. As such we recommend that these films are only viewed by people over the age of 16.

Have you got a good idea for a film? If you have, write into safety.central@networkrail.co.uk to let us know.

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**



Coronavirus (COVID -19)

You will find many resources on this page: <https://safety.networkrail.co.uk/coronavirus-covid-19/>

Network Rail is working very closely with government, industry partners and health bodies to have the latest advice and messages available. In order to have the latest updates with this fast-changing situation we will be linking into.

[Network Rail' corporate website for industry information](#)

[COVID Guidance for BAME colleagues](#)

If you're feeling unwell, please follow public health advice immediately. More information is available on the [NHS website](#).

Please Note: Covid-19 mitigation Network Rail is continually reviewing our controls. As a result, we can confirm that the use of TVP's will not be subject to any additional restrictions beyond those required under the Network Rail TVP Standard NR/L2/OHS/020 and Sentinel Scheme Rules. However, it should be reminded that the use of TVP's should only be issued within accordance to the TVP standard.

01 May 2020 this short film on social distancing on work sites was produced. All information correct at time of publication [Watch Here](#)

Attachments

- [Sentinel Comp and Medical Extension Updat 230620](#) PDF / 23 Jun 2020
- [Information and Advice for Managers and BAME Colleagues During COVID-19 – Final 12052020](#) PDF / 27 May 2020
- [Masks and Face Shields in Stations \(Subs\)](#) MP4 / 19 May 2020
- [Safety-Advice-NRA20-03-Social-distancing](#) PDF / 18 May 2020
- [COVID-19 Masks & Face Shield Visors \(Subs\)](#) MP4 / 29 Apr 2020
- [COVID-19-working on site _print_ 3-04-2020_Final](#) PDF / 6 Apr 2020
- [COVID-19-working-at-operating-locations _print_ 3-4-2020_Final](#) PDF / 6 Apr 2020
- [COVID-19-working-at-operating-locations_ 3-4-2020_Final](#) PDF / 6 Apr 2020
- [COVID-19-working on site_ 3-4-2020_Final](#) PDF / 6 Apr 2020
- [NWR Vita Health Virtual Physiotherapy-1080p-b9dde8a-c350-4610-ab60-5cc6c2ad0431](#) MP4 / 2 Apr 2020
- [Good practice guide for site working during Covid 19 V1](#) PDF / 31 Mar 2020
- [Guidelines on Social Distancing for Key workers Covid 19](#) PDF / 31 Mar 2020
- [Guidelines for working from home – social distancing and shielding the vulnerable Covid 19](#) PDF / 31 Mar 2020
- [DSE Guidance v2 MC Final3 COVID 19](#) PDF / 31 Mar 2020



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.ihserc.com/ – subscription required</p> <p>Network Rail Standards Subscriptions IHS Global Ltd Phone: 01344 328000</p> <p>Network Rail Standards Management Publications Manager Nicole Lockwood Phone: 01908 782 481</p> <p>Network Rail Standards Hard Copy Document Centre IHS Retail Phone: 01344 328039 Fax: 01344 328005 or email: emeastore@ihs.com</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> <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
<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>



Item	Details
<p>Railway Group Standards https://www.rssb.co.uk/standards-catalogue#all-documents – free access</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.</p> <p>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>
<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>

Useful Links



Item	Details
Rail Sentinel https://www.railsentinel.co.uk/ – registered companies only	Sentinel Scheme Rules The latest copy of the scheme rules can be found here: Sentinel Scheme Rules
Office of Rail and Road http://orr.gov.uk/ – free access	Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.
Rail Accident Investigation Branch http://www.raib.gov.uk/ – free access	Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to improve safety, not to establish blame.

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/>



Eastern Region Line Blockage Additional Protection Instruction

The Why?

Nothing is more important than the safety of our railway community and ensuring that everyone goes home safe every day.

We are seeing an increase in operational irregularities around line blockages. Whilst work to understand the root cause is underway, we need to protect the safety of everyone accessing and working on our infrastructure by applying the highest level of protection possible.

This instruction provides a set of principles for working in line blockages. The aim is to apply the highest level of protection available and applicable to the work being done. Having 'can I plan this differently?' conversations will help us identify the safest system of work and provide insight into any issues that exist.

What is this instruction?

Everyone must apply the following principles to ALL planned and unplanned works within line blockages.

Always apply the highest level of protection or warning system (from Table 3 of NR/L2/OHS/019 Standard) that is practical and safe to implement.

Authorisation will always be sought for planned and unplanned work when additional protection cannot be used, and justification provided using the Line Block Without Additional Protection Form or equivalent within your organisation.

For planned work, authority will be sought from the Authorising Manager.

For unplanned work, authority will be sought from the On Call Manager.

Forms must be authorised in advance of accessing the infrastructure.

For clarity; this is a reiteration that you should always seek the highest level of protection as outlined below:

- Handbook 8 of the Rule Book requires the implementation of additional protection measures when taking line blockages, where possible.
- 019 Standard requires when planning work to start at the highest level in the hierarchy of control of operational risk.

Contractors and Suppliers

When working on Network Rail Infrastructure within line blocks you will apply the Principles; using the highest form of additional protection that is practical and safe to implement. We expect you to use your safety management system, to take account of how prior authorisation should take place within your organisation for scenarios where additional protection cannot be applied. This process will form part of your safety management system and will be subject to audit and assurance activities by Network Rail.

Resources

Please see the attached FAQs and suggested Line Block Without Additional Justification Form.

Further Information

For any further information or if you would like to get in touch, as always please contact [east coast comms email](#).





Investigators Update

Sentinel Investigations

Issued to: DCPs and Lead Investigators (including those due to be trained)

Ref: INV21-04

Date of issue: 03/08/2021

Contact: [Liz Chiariello](#), Corporate Assurance Manager, Technical Authority

Overview

Sentinel provides an authority to work. Everyone who works on our infrastructure must comply with the **Sentinel** Scheme Rules. Sponsors must also comply. The rules are there to manage risk on our railway regardless of staff changing sponsor.

Lead investigators should always notify **Sentinel Investigations** when their investigation involves a contractor member of staff. Investigators should also notify where they are part of an investigation panel led by a Principal Contractor.

The **Sentinel** Formal Review Panel considers investigation reports to decide a **Sentinel** Scheme outcome for the people involved. Outcomes include re-training, mentored shifts, removal of a competence or complete **Sentinel** card suspension for a period. This also applies to reckless contraventions by Network Rail employees who then leave the business.

Investigations that identify **Sentinel** Scheme Rules failings by sponsors should also be reported to Sponsor **Investigations**. Effective action with con-compliant sponsors can have a significant role in promoting future safe working.

By following to this process, we can maintain a consistent nationwide approach to managing compliance and acting on the findings of your **investigations**.

Both **investigations** accounts are managed by Technical Authority staff, not an outside party. The **Sentinel** Formal Review Panel is run on behalf of the Chief H&S Officer. The names of the panel are not disclosed, because in the past there have been threats made to panel members performing their role and upholding the **Sentinel** Scheme Rules

Immediate Action Required

- Level 1, 2 & 3 **investigations** reports that identify a Fair Culture outcome of Contravention or Reckless Contravention, must be sent to the **Sentinel Investigations** team at: SentinelInvestigations@networkrail.co.uk
- All safety **investigations** that identify sponsor failings should be reported to: Sponsorinvestigations@networkrail.co.uk
- Familiarise yourself with Sections 4 & 5 of the **Sentinel** Scheme Rules at: <http://info.rail sentinel.co.uk/help-support/sponsors/sentinel-scheme-rules/>



Principles in Actions / FAQ

Why are we introducing the principles for additional protection?

There have been a number of incidents where it has become apparent that the highest level of protection has not been used or considered. The feedback we have had is that this is not been applied consistently by everyone working on Network Rail Infrastructure. The principles have been introduced to ensure that everyone working on Eastern Region Infrastructure does so in the safest way practicable.

I have a 30 minute line block, by the time I have put out additional protection I will have used 20 minutes of my time. Should I still put out additional protection?

No. The 019 Standard states 'Where implementing the safe system of work increases the total working hours by more than 25 % it should be considered disproportionate and the next safe system of work in Table 3, 'Selection of Protection and Warning Systems' should then be considered.' You should consider whether changing the type of additional protection you are using would take less time. You should consider whether you are able to plan the work in a different way.

Do I need to use additional protection to cross the line?

No, if it is not safe and practical to implement. For example; placing detonators on the line to provide additional protection along the line would not provide you with an overall safer system of work. However if you were working in a group of five, carrying tools; a form of additional protection would be the safest way to get all personnel and equipment across the line.

Do I need to use additional protection to access and egress site?

No. If it is not safe and practical to implement and you are crossing directly across the track then a line blockage would be sufficient. However if you do not have direct access and egress from site then you should apply the principles and apply additional protection if it safe and practical to do so.

I only have a short duration line block, should I put detonators plus possession limit board down?

No, not if it is impractical to do so, taking into consideration that the risk of sending staff to lift and replace the protection reduces the safety of those involved in the work.

Do the Principles sit above and beyond the rule book?

Yes. The principles and the 019 standard enhance the rule book and should be applied first and foremost.

What happens during a multifunctional response?

The protection used should be continually reassessed as additional personnel arrive on site.

If I am a COSS or IWA do these principles still apply.

Yes.

In unplanned response situations where the PIC can decide to utilise line blockage without additional protection, do they still need to fill out a form?

Yes, you must always complete a form and obtain prior authorisation.

What happens if the plan changes when the staff are on site and I am no longer able to apply additional protection?

Complete the form explaining your justification for not applying additional protection and contact your senior manager for authorisation.

Do I need to complete the form if I am working separated Green Zone?

No. the form only needs to be completed when working within line blockages.

Do the forms need to be attached to the SWP to show that authorisation has been granted?

No. If the SWP has been signed off, this shows that the correct procedure has been followed.





Line Blockage Without Additional Protection Justification Form

Section/Work Owner:		SWP Reference:	
Work Activity:		Work Location:	
Date of application:		Cyclic work: Valid until (max 3, months):	

Additional Protection Method	Available (Y/N)	Reason for not using
LB + Staff token		
Lockout device (LOD)		
Temporary TCOD		
ZKL 3000 RC TCOD - permanent		
Engineers Possession Reminder (EPR)		
Signal Disconnection / Route Bar		
Detonators plus Possession Limit Board (PLB)		

ELR	Line	Bi-Di Line (Y/N)	Protection (From) Miles: Chains	Protection (To) Miles: Chains	Is Distance from protecting signal to worksite >200m (Y/N)

This table must be completed prior to authorisation, and should match the data on the SWP

Confirmation the COSS is familiar with the location: PIC to confirm:

Confirmation that all diverging/converging routes have been considered:

For Pre-Planned Works Senior Authorising Manager Name:
(unplanned works to be authorised by on-call manager)

Signature: Date:

Points of Consideration
<ol style="list-style-type: none"> 1. There is enough line of sight at the location for a minimum of 10 seconds warning time without use of lookouts. 2. There is an adequate place of safety for the entire length of the worksite. 3. The line blockage must not be used to protect more than one group. 4. The work activity will not affect the safety of the line.



Incident Description

A high potential near miss occurred when a tanker (which had collected recycled water from drilling activities) became stuck due to ground conditions. In an attempt to extract the stuck vehicle, the site team had enlisted the assistance of the landowner using his tractor. The extraction was not a preplanned event, and no tow rope was available. A decision on site was made to utilize an available 10 tonne ratchet strap. During the extraction, the hook of the ratchet strap failed, and the metal end flew backwards under tension and cracked the windscreen of the tanker. No one was harmed during the incident.

Contributing Factors

- The compound was designed using compacted 6F5 aggregate. The temporary surfacing had been previously subjected to damage (prolonged rain and heavy traffic use including tracked vehicles).
- Localised ground conditions had been influenced by heavy rainfall prior to the incident.
- Vehicle weight distribution on the axles was automatically adjusted electronically which inadvertently led to reduced traction.
- No documented process was available for the extraction of stuck vehicles as it was perceived to have a low likelihood of occurring.



Lessons Learnt:

- Do not instruct use of any personnel or equipment or vehicles which are outside of your control.
- Use of Stop Work Authority and have confidence to use this in unexpected situations.
- Only use tools and equipment that are designed for the task.
- Ensure documented RAMS are in place before starting a new activity, carry out a Dynamic Risk Assessment - Think TRACK and ensure effective change management.
- Additional design amendments could have been made to address the localised issues.
- Repairs to high trafficked areas must be in line with the original temporary works design.

Contributed By: Dave Avery - UK&I

A Real Commitment, A Daily Issue: Safety

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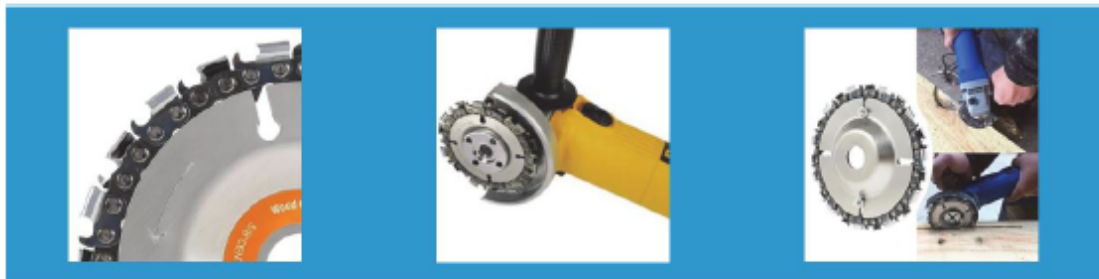
SHE Alert 03 in 2021

Stop use – Angle grinder chainsaw discs

Date of issue: 06/07/2021

Background

The Office for Product Safety and Standards (OPSS), the UK’s national product safety regulator, has issued a Safety Alert for a chainsaw disc attachment that has been incorrectly sold for use with angle grinders.



There is no evidence that these attachments have been used within TfL. Following a risk assessment carried out by OPSS the discs cannot be used safely, and they can result in loss of control, serious injury or fatality. OPSS have received reports of injuries arising from kickback caused by the chainsaw gripping the cutting surface and forcing the angle grinder to sharply turn or jump out of the hand of the operator.

OPSS advise any people who have these discs to stop using them immediately, and to contact the seller for redress if they believe the product was incorrectly marketed as compatible for use with an angle grinder.

OPSS is working with local authority Trading Standards to take appropriate action. Any businesses selling these products must remove them from the market immediately as they do not comply with the Supply of Machinery (Safety) Regulations 2008.

Instruction

If you have a chainsaw disc similar to those in the photographs:

1. It must not be used and must not be brought to any TfL site/location/premises.
2. It should be returned to where it was purchased for any possible refund.

For more information:	OPSS website: https://www.gov.uk/government/organisations/office-for-product-safety-and-standards
Approved by:	Alec Ferguson, Senior SHE Business Partner

MAYOR OF LONDON



Safety Bulletin



Road Vehicle Collision

Ref:	WW B21-10
Date of Issue:	9 August 2021
Location:	All Region
Contact:	Chantelle Van Leer



Overview

One of our colleagues was involved in a road traffic collision (RTC) when driving a flat bed vehicle at 60-65mph on the M4 at approximately 0500 whilst returning to their home depot after assisting with a track task.

The individual was driving alone due to COVID restrictions when they fell asleep at the wheel and struck the rear of an HGV causing their vehicle to spin, and then hit the central reservation.

The motorway was quiet and no other vehicles were involved. The driver sustained lower back pain resulting in time off work. In addition to being shaken up by the incident they have ongoing discomfort. It was fortunate that the outcome was not more serious and this reminds us again of the importance of Take 5 everyday.

Take 5 really can be the difference between you and your colleagues getting home safe every day.

- Discussion Points:**
1. What arrangements do you consider when planning your journey ?
 2. What actions should you take if you experience fatigue whilst driving?
 3. How do you make sure that you and your colleagues are fit to drive home after a shift?
 4. Do you Take 5 before you get in the vehicle? Have you watched the Take 5 safety video recently? [See link to watch](#)



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Capital Delivery
 DEAM / Commercial and Support Functions

02-2021



Safety Bulletin



Vehicle fire involving Cyclon cell batteries

Ref:	WWB21-11
Date of Issue:	13 August 2021
Location:	Pontrillas
Contact:	Robert Knapman, Route Workforce Health, Safety & Environment Advisor



Overview

On the 7 August 2021, a colleague within the Signalling and Telecoms team was travelling from site when a fire occurred in the rear of their hire vehicle.

The fire is believed to have been caused by a short circuit from a single 2v 25ah Cyclon cell battery that had moved in transit against the bulkhead of the vehicle.

To prevent movement of the batteries in transit, the driver used their Personal Protective Equipment (PPE) to fill gaps in the cardboard box that the batteries were being stored in. The hire vehicle had no shelving so additional PPE was used to try and secure the box in the rear of the vehicle.

During the journey, the driver smelt burning and saw dark smoke in the driving cab.

The driver opened their windows, turned on their hazard lights and safely parked the vehicle.

The driver opened their rear door and discovered large flames in the back of the vehicle. They put the fire out by pulling their burning PPE onto a grass verge and stamping out the fire.

The driver sustained a minor burn to their right hand and the vehicle sustained minor damage.

This accident is still under investigation. Further learning will be shared where identified.

- Discussion Points:**
1. What are the risks of transporting batteries?
 2. How do you safely transport batteries?
 3. Where would you look for safety information on batteries and other “dangerous goods” (i.e. fuels/ detonators) that may be a fire risk?
 4. Small fires should only be tackled when safe and you are competent to do so. What would you do when discovering a fire?

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02-2021



Safety Bulletin

A serious incident has taken place



High Pressure Jetting Accident.

Issued to: Works Delivery Kent & Sussex Route

Ref: WDSER18AUG01

Date of Issue: 18/08/21

Location: CAT 460 Overbridge, Brockley.

Contact: Huw Abbey

Overview

On Sunday 15th August, a contractor working for the Works Delivery Civils team was injured while carrying out high pressure jetting of bridge structure CAT 460 to remove old paint coatings and defective metal elements in preparation for re-coating.

Initial reports suggest the IP tripped and fell backwards over the con rail and dropped the lance he was using and the residual pressure jet hit him in the left hand side rib area. The IP has sustained skin lacerations and a broken rib, received first aid on site by Paramedics and was then taken to Kings College Hospital where he received pain management and spent 2 nights there.

The accident is still under investigation however the following initial learning points have been identified:

- The jetting equipment has an auto cut-off so maintenance records and equipment will be checked as part of the investigation.
- Ballistic PPE was in use which should prevent such injury so compliance and condition of PPE will be checked.
- Competencies & Training records to be checked for team members using the equipment.
- Pre work site clearance was undertaken but could more have been done to improve the underfoot conditions?



Discussion Points

While the investigation into the incident is ongoing, please discuss the following with your team;

- Always check plant before use including maintenance records.
- Carry out pre-work checks to ensure PPE and Specialist equipment is in functional condition .
- Have all efforts been made to improve site conditions where feasible?

Part of our group of Safety Bulletins



SIEMENS

Audience: Siemens Mobility Limited, Rail Infrastructure

FF/018/2021

Fast Facts Alert

Subject: member of public struck by debris

What happened:

On Thursday 19th August 2021 a four man team of SML operatives were loading a skip with disused road rail access point (RRAP) panels. The skip had one or two broken wooden pallets inside; as the RRAP panel was placed into the skip a 16cm x 5cm x 1cm piece of palletwood was ejected out of the skip and over the lineside fence onto Mitcham Eastfields platform 1 where it struck a member of the public on the head. The injured party had no abrasion on their head but had a minor cut on the fifth finger on their left hand; an offer to escort the injured party to A&E was declined however the individual later attended on their own behalf complaining of a headache.

Initial findings:

The site of works was considered suitably segregated from the public with the skip being 6 metres from the lineside fence on the rear of the platform and being completed in accordance with the Task Briefing.

Immediate Actions:

Ensure all public interfaces are considered in the Task Briefing and that all reasonably practicable mitigations are put in place to avoid materials being displaced from skips whilst being loaded.



Discussion Points

1. Does your site have suitable segregation from third parties?
2. Are there alternatives to standard skips for disposing of waste materials?
3. Is there a way to break materials down into smaller sizes before disposing?

Region: Croydon
Project: Victoria - Phase 3

Delivery Director: Steve Wright
Project Manager: Rob Watson
Author: Barry Kiely

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UKI-RH3-TM-005
July 2021 Issue 5



SIEMENS

Audience: Siemens Mobility Limited, Rail Infrastructure

FF/017/2021

Fast Facts Alert

Subject: Vehicle retaining bar damage

What happened:

On Thursday 19th August 2021 a supervisor driving to the Core Valley Lines project offices noticed as he was driving that the offside retaining bar (Edge protection for working on rear of vehicle) was hanging down into the road supported only by the rear retaining post.

The retaining bar had become detached from the fixing and fallen, hitting a member of public's vehicle and causing damage to the windscreen, front bumper and a front spotlight. Luckily the driver was not injured.

Initial Findings:

The side retaining bar is a removable bar which is fitted to offer edge protection in case an operative needs to work on the flatbed of the vehicle. The bar is secured by the use of a latch which is then further secured by a small carabiner which prevents the latch becoming unsecured. The carabiner is attached to a link chain and pop riveted onto the retaining bar. Upon initial investigation, it appears that the chain and carabiner was missing, however it is uncertain whether the chain was not present before the journey or if it came off during impact with the vehicle or road. It appears that the when the retaining bar is released without control it flies away from the vehicle approximately 1 metre.

Initial findings believed to be a contributing factor:

The link chains are only riveted on with a aluminium rivet and appear to be quite weak. These rivets mushroom over the chain but are not sturdy allowing movement of the chain.

Immediate Action required:

Check all vehicles immediately. Ensure the daily checks are taking the retaining bars are secure and the correct use of the carabiner and chain into account on inspection.



Chippenham Portfolio
Core Valley Lines Transformation Project

Delivery Director: Paul Chesman
Project Manager: Kieran Spence
Author: Craig Summerhill

Add contact information
i.e. for more information about this report please contact craig.summerhill@siemens.com

We fit for work | **Always receive a briefing before starting work** | **Report unsafe events or conditions** | **Stop work when anything changes**

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UKI-RI-HS-TM-006
July 2021 Issue 5

Safety Bulletin



Bulletin No. 314

Issued: 18/08/2021

Unsupervised RRV movement causes damage to OTP

Recently, an incident occurred whilst a TRS RRV Operator was carrying out his pre-use inspections.

The Operator slewed the RRV and struck a MEWP that was located next to his RRV causing damage to the MEWP basket and hydraulic pipes located on the RRV arm as shown below.



The MEWP basket and RRV arm were raised in the air at the time of the incident and the MEWP was located to the right hand side of the Operator and his vision was obscured by his RRV arm.

The Operator conducted his pre-use inspections without the presence of his MC/CC.

The planned works for the machines were cancelled by the Client as a direct result of the Operators actions.

The investigation concluded the root cause of the incident was operator error as the Operator slewed the RRV around without taking into account the close proximity of the MEWP.



A contributing factor to the incident was the movement of the RRV was not supervised by an MC/CC, instead the RRV operator carried out the RRV movements on his own accord.

The POS Supervisor collected evidence and reported the incident in a timely manner, however the photographs and statements taken were of poor quality and did not present a clear understanding of what actually happened.

Immediate actions

- No pre-use checks that involve moving the OTP, or any other movements of OTP should be completed without an MC/CC present and without the use of duplex communications.
- POS Supervisors are to make sure they obtain detailed statements from all personnel involved in any accident/incident, the statements must include a true account of events from when they turned up on site to what happened post incident/accident
- POS Supervisors are to take photographs that show the whole area of the accident/incident and all OTP involved. TRS requires close up photographs and photographs taken at a distance that help demonstrate what has happened.

Don't run the risk of losing your competence, or worse injuring someone or being deemed negligent. Remember it's your livelihood at stake along with everyone's health and safety, and our reputation!

August 2021

STAY SAFE

SPACE
FACE
HANDS

HSQE newsletter

Employee scalped when her hair became wrapped around a rotating drill

An engineering company has been fined after one of its employees suffered scalping injuries when her hair became entangled in a pillar drill.

Coventry Magistrates' Court heard how on 10 September 2019, a P&D Engineering Limited employee suffered life changing injuries when her scalp and part of her ear were torn off after her ponytail became wrapped around a rotating drill. In the months following the incident, she underwent surgery nine times involving skin grafts to re-construct her scalp. Her ear was also amputated. An investigation by the Health and Safety Executive (HSE) found that the rotating parts of the drill were not guarded in accordance with standard industry practice.

The investigation also found that P&D Engineering Limited's own risk assessment for using the drill had identified a guard should be fitted, but evidence obtained indicated the drill had been operated without one for a number of years.

P&D Engineering Limited pleaded guilty to breaching Section 2 (1) of the Health and Safety at Work Act 1974. They were also fined £62,334 and ordered to pay costs of £1,459.90.

Speaking after the hearing, HSE inspector Charlotte Cunniffe said: "This incident could so easily have been avoided by simply carrying out correct control measures and safe working practices."



HSE

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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.