



# June 2018 ACS Rail Updates

Welcome to the June 2018 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 108: 02<sup>nd</sup> June 2018 – 30<sup>th</sup> August 2018

### 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. Network Rail Standards can be accessed via:

- For users internal to Network Rail: Network Rail Standards pages on Connect
- For users external to Network Rail: all enquiries should be directed to IHS Customer Care on 01344 328 300 or email [customer.support@ihs.com](mailto:customer.support@ihs.com)

### Other Information

#### Network Rail Standards Subscriptions

IHS Global Ltd  
Phone: 01344 328000

#### Network Rail Standards Management

##### Publications Manager

Nicole Lockwood  
Phone: 01908 782 481

#### Network Rail Standards Hard Copy Document Centre

IHS Retail  
Phone: 01344 328039  
Fax: 01344 328005 or email: [emeastore@ihs.com](mailto:emeastore@ihs.com)

#### Railway Group Standards

Rail Safety & Standards Board Enquiry Desk  
Phone: 020 3142 5400 Website [www.rssb.co.uk](http://www.rssb.co.uk)

#### Network Rail Technical Drawings

National Records Group  
Email: [nrgcivils@networkrail.co.uk](mailto:nrgcivils@networkrail.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 and 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.**

## New and Up-Issued Standards Issue 108 02 Jun 2018

References	Title	Replaces
NR/GN/SIG/CAT005 Issue 52	Index of Network Rail Documents Relating to Signalling & Communications Equipment	NR/GN/SIG/CAT005 Issue 51
NR/GN/TRK/8001 Issue 1	Index of Track Bowties	New at Issue 108
NR/L1/CIV/094 Issue 1	National Asset Protection and Optimisation Delivery Framework	New at Issue 108
NR/L1/XNG/100/06 Issue 1	Level Crossing Asset Data and Information	New module added to existing
NR/L2/CIV/005 Issue 1	Drainage Systems Manual	NR/L3/CIV/005 Iss 2, NR/L3/TRK/002/D08 Iss 1, NR/L3/TRK/002/D18 Iss 1, TWI 2B009 ISS 1, TWI 2B011 ISS 1, TWI 2B012 ISS 1, TWI 2B013 ISS 1, TWI 2B014 ISS 1, TWI 2B017 ISS 1
NR/L2/ENV/015 Issue 7	Environment and Social Minimum Requirements – Design and Construction	NR/L2/ENV/015 Issue 6
NR/L2/INF/02223 Issue 3	Information Classifications - Security	NR/L2/INF/02223 Issue 2
NR/L2/MTC/10662 Issue 11	Process for the Implementation of New or Revised Maintenance Regimes Using Reliability Centred Maintenance (RCM)	NR/L2/MTC/10662 Issue 10
NR/L2/OHS/00106 Issue 3	Management of Manual Handling Risk	NR/SP/OHS/00106 Iss 2
NR/L2/OHS/003 Issue 6	Fatigue Risk Management	NR/L2/ERG/003 Issue 5
NR/L2/SCO/306 Issue 3	Disposal of Redundant Assets	NR/L2/CPR/306 Issue 2
NR/L2/SIG/11201 Issue 11	Signalling Design Handbook	NR/L2/SIG/11201 Issue 10
NR/L2/SIG/19820 Issue 1	Signalling Product Specifications	New at Issue 108
NR/L2/SIG/30009 Issue 14	Signalling Principles Handbook	NR/L2/SIG/30009 Issue 13
NR/L2/TEL/30127 Issue 4	GSM-R Air Interface Functionality, Availability Management and Compliance Validation	NR/L2/TEL/30127 Issue 3
NR/L2/TEL/31002 Issue 5	Maintenance of Telecommunications Equipment	NR/L1/TEL/30093 Issue 3 NR/L2/TEL/31002 Issue 4
NR/L2/TRK/038 Issue 6	Track Geometry: Management of Recording and of Intervention and Immediate Actions Limits	NR/L2/TRK/038 Issue 5
NR/L3/ENV/044 Issue 4	Track Maintenance Renewal or Alteration - Used Ballast and Excavation Waste Handling	NR/L3/ENV/044 Issue 3
NR/L3/INF/02245 Issue 1	Working with Information Classifications - Security	New at Issue 108
NR/L3/INI/P3M/129 Issue 1	Planning and Scheduling Manual	NR/L3/INI/PG115/BIS/002 Issue 2
NR/L3/MTC/MG0213 Issue 10	Index of Standard Maintenance Forms	NR/L3/MTC/MG0213 Issue 9
NR/L3/MTC/RCS0216 Issue 12	Risk Control Manual	NR/L3/MTC/RCS0216 Issue 11
NR/L3/OHS/0046 Issue 3	The Reporting, Investigation and Recording of Safety and Sustainable Development Events and Close Calls within Infrastructure Projects	NR/L3/INI/CP0046 Issue 2
NR/L3/OHS/019-IP Issue 1	Planning and Delivering Safe Work – Implementation Principles for Infrastructure Projects	New at Issue 108
NR/L3/OPS/045 Issue 4	National Operating Procedures Index	NR/L3/OPS/045 Issue 3
NR/L3/RMVP/1006 Issue 2	Technical Audit Procedure for Plant and Traction and Rolling Stock	NR/L3/RVE/1006 Issue 1
NR/L3/SCO/311 Issue 3	Supply Chain Operations, T&RS and OTM Engineering and Management Manual	NR/L3/NSC/311 Issue 2
NR/L3/SCO/313 Issue 3	On-Track Machines (OTMs) Driver and Operations Standards Manual	NR/L3/SCO/313 Issue 2
NR/L3/TEL/30090 Issue 4	Inspection of Telecoms Equipment Rooms	NR/L3/TEL/30090 Issue 3
NR/L3/TEL/30133 Issue 2	Asset Condition Assessments for Telecoms Renewals & Enhancement Planning	NR/SP/TEL/30133 Issue 1
NR/L3/TEL/30181 Issue 2	Telecoms Maintenance Work Instructions Handbook	NR/L3/TEL/30181 Issue 1

## Withdrawn, Closed and Superseded Documents

References	Title	Replaced by/Status
NR/GN/SIG/CAT005 Issue 51	Index of Network Rail Documents Relating to Signalling & Communications Equipment	NR/GN/SIG/CAT005 Issue 52
NR/GN/TRK/7001/TWI2B009 Issue 1	How to Maintain Catchpits	NR/L2/CIV/005/13 Issue 1
NR/GN/TRK/7001/TWI2B011 Issue 1	How to Recognise a Drain Failure	NR/L2/CIV/005 Issue 1
NR/GN/TRK/7001/TWI2B012 Issue 1	How to Maintain Drains	NR/L2/CIV/005/13 Issue 1
NR/GN/TRK/7001/TWI2B013 Issue 1	How to Inspect Drainage	NR/L2/CIV/005 Issue 1
NR/GN/TRK/7001/TWI2B014 Issue 1	How to Carry out Flood Warning Inspection	NR/L2/CIV/005 Issue 1
NR/GN/TRK/7001/TWI2B017 Issue 1	How to Maintain Open Drains, Watercourses and Ditches	NR/L2/CIV/005/14 Issue 1
NR/L1/TEL/30093 Issue 3	Telecoms Maintenance	NR/L2/TEL/31002 Issue 5
NR/L2/CPR/306 Issue 2	Disposal of Redundant Railway Assets	NR/L2/SCO/306 Issue 3
NR/L2/ENV/015 Issue 6	Contract Requirements Environment	NR/L2/ENV/015 Issue 7
NR/L2/ERG/003 Issue 5	Management of Fatigue: Control of Working Hours for Staff Undertaking Safety Critical Work	NR/L2/OHS/003 Issue 6
NR/L2/INF/02223 Issue 2	Information Security Classification	NR/L2/INF/02223 Issue 3
NR/L2/MTC/10662 Issue 10	Process for the Implementation of New or Revised Maintenance Regimes Using Reliability Centred Maintenance	NR/L2/MTC/10662 Issue 11
NR/L2/SIG/11201 Issue 10	Signalling Design Handbook	NR/L2/SIG/11201 Issue 11
NR/L2/SIG/3009 Issue 13	Signalling Principles Handbook	NR/L2/SIG/3009 Issue 14
NR/L2/TEL/30127 Issue 3	GSM-R Air Interface Functionality, Availability Management and Compliance Validation	NR/L2/TEL/30127 issue 4
NR/L2/TEL/31002 Issue 4	Maintenance of Telecommunications Equipment	NR/L2/TEL/31002 Issue 5
NR/L2/TRK/038 Issue 5	Track Geometry: Management of Recording and of Immediate and Urgent Actions	NR/L2/TRK/038 Issue 6 RT/D/P/085 Issue 4
NR/L3/CIV/005 Issue 2	Railway Drainage Systems Manual	NR/L2/CIV/005 Issue 1
NR/L3/ENV/044 Issue 3	Track Maintenance, Renewal or Alteration – Used Ballast Handling	NR/L3/ENV/044 Issue 4
NR/L3/INI/CP0046 Issue 2	The Reporting and Investigation of Accidents and Incidents within Investment Projects and Asset Management Works Delivery	NR/L3/OHS/0046 Issue 3
NR/L3/INI/PG115/BIS/002 Issue 2	Corporate KPIs – Generation of the IPI Measures for Project Investment	NR/L3/INI/P3M/129 Issue 1
NR/L3/MTC/MG0213 Issue 9	Index of Standard Maintenance Forms	NR/L3/MTC/MG0213 Issue 10
NR/L3/MTC/RCS0216 Issue 11	Risk Control Manual	NR/L3/MTC/RCS0216 Issue 12
NR/L3/NSC/311 Issue 2	Engineering and Management Control Arrangements for the National Supply Chain T&RS and OTM Fleet	NR/L3/SCO/311 Issue 3
NR/L3/OPS/045 Issue 3	National Operating Procedures Index	NR/L3/OPS/045 Issue 04
NR/L3/RVE/1006 Issue 1	Technical Audit Procedure for Rail Vehicle Engineering	NR/L3/RMVP/1006 Issue 2
NR/L3/SCO/313 Issue 2	On-Track Machines (OTMs) Driver and Operations Standards Manual	NR/L3/SCO/313 Issue 3
NR/L3/TEL/30090 Issue 3	Specification for the Maintenance of Telecoms Equipment Rooms	NR/L3/TEL/30090 Issue 4
NR/L3/TEL/30181 Issue 1	Telecoms Maintenance Work Instructions	NR/L3/TEL/30181 Issue 2
NR/SP/TEL/30133 Issue 1	Asset Condition Assessment for Telecommunications Equipment	NR/L3/TEL/30133 Issue 2
NR/L3/TRK/002/D08 Issue 1	Piped Drainage and Catchpit Maintenance	NR/L2/CIV/005 Issue 1
NR/L3/TRK/002/D18 Issue 1	Drainage Inspection	NR/L2/CIV/005 Issue 1
NR/SIN/164 Issue 1	Special Inspection of OLE Electrical Sections to Identify Staggered Limits	Closed
NR/SP/OHS/00106 Issue 2	Specialist Risk Assessment - Manual Handling	NR/L2/OHS/00106 Issue 3
RT/D/P/085 Issue 4	Management of Track Faults Found by Track Recording Vehicle	NR/L2/TRK/038 Issue 6

## Emergency Changes (Also 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.

Emergency Changes published since the last report are highlighted in italic; historic changes (where text has been crossed out) will be removed next publication. Please note, some changes may stay current after the stated Expiry Date

Document Reference	Title	Issue	Date
NR/BS/LI/406	Standard / control document affected: NR/L3/ELP/29987 (Issue 04), [Working on or about 25 kV A.C. Electrified Lines]	1	20/04/2018
NR/BS/LI/405	Standard/control document affected: NR/L2/TRK/053 (Issue 7), Inspection and Repair Procedures to Reduce the Risk of Derailment at Switches.	1	09/03/2018
NR/BS/LI/404	Standard/control document affected: NR/L2/TRK/053 (Issue 7), Inspection and Repair Procedures to Reduce the Risk of Derailment at Switches.	1	20/03/2018
NR/BS/LI/401	Standard affected: NR/L3/ELP/29987 (Issue 4), Working on or About 25 kV A.C. Electrified Lines	1	21/12/2017
NR/BS/LI/400	Standard Affected: NR/L3/OPS/045/2.03 (Issue 01) Electrical Control Operator Competence and Assessment Framework SUPERSEDED BY NR/L3/OPS/045 Issue 3 HISTORIC ON 2 JUNE 2018	1	31/10/2017
NR/BS/LI/399	Standard affected: NR/L2/ELP/21087 (Issue 07), [Risk Based Maintenance for Overhead Line Electrification Assets]	1	08/12/2017
NR/BS/LI/398	Standard Affected: NR/L3/MTC/MG0221 (Issue 4) Network Operations non-operations staff management self- assurance procedure	1	23/08/2017
NR/BS/LI/397	Standard/control document affected: NR/SP/CTM/016 Issue 1, Competency & Training in Fixed Plant Engineering	1	20/04/2018
NR/BS/LI/396	Standard/control document affected: NR/L3/ELP/29987 [Working On or about 25 kV a.c. Electrified Lines]	1	07/07/2017
NR/BS/LI/393	Standard/control document affected: NR/L3/ELP/29987 (Issue 4). Working on or about 25 kV A.C. Electrified Lines	1	19/06/2017
NR/BS/LI/391	Standard/control document affected: NR/L2/SIG/11201 Module B11 (Issue 4). Interlockings – Electronic Interlocking Guidelines SUPERSEDED BY NR/L2/SIG/11201 ISSUE 11 HISTORIC ON 01 DECEMBER 2018	1	28/04/2017
NR/BS/LI/389	Standard affected: NR/L2/SIG/30009 (Issue 11). Signalling Principles Handbook	1	13/02/2017
NR/BS/LI/387	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	26/07/2017
<del>NR/BS/LI/384</del>	<del>Standard Affected: NR/VI/ELP/27051 Issue 4 Works Instructions Section D for DC Electrified Lines in the Liverpool Area; NR/L2/ELP/27239 Issue 2 Maintenance Specification for Electrical Traction Distribution Equipment Appendix E Works Instruction SUPERSEDED BY NR/L3/ELP/27051 HISTORIC ON 3 MARCH 2018</del>	<del>4</del>	<del>21/10/2016</del>
NR/BS/LI/383	Standard affected: NR/L2/CTM/021 (Issue 4). Competence and Training	2	08/12/2016
<del>NR/BS/LI/375</del>	<del>Standard affected: NR/VI/ELP/27051 (Issue 4). Working Instructions for DC Electrified Lines in the Liverpool Area SUPERSEDED BY NR/L3/ELP/27051 HISTORIC ON 3 MARCH 2018</del>	<del>4</del>	<del>14/06/2016</del>
<del>NR/BS/LI/374</del>	<del>Standard affected: NR/VI/ELP/27051 (Issue 4). Working Instructions for DC Electrified Lines in the Liverpool Area SUPERSEDED BY NR/L3/ELP/27051 HISTORIC ON 3 MARCH 2018</del>	<del>4</del>	<del>13/06/2016</del>
NR/BS/LI/372	Standards affected: NR/L2/ELP/27401 (Issue 1), Configuration Management and change to protection and control systems	2	04/12/2017
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/370	Standard affected: RT/E/S/21131 (Issue 1). Warning and other signs for a.c. and d.c. electrified lines	1	26/10/2016
NR/BS/LI/367	Standard affected: NR/L3/ELP/29987 (Issue 4). Working On or About 25kV A.C. Electrified Lines	1	07/01/2016
NR/BS/LI/366	Standard affected: NR/L2/ELP/27229 (Issue 2). Specification for remote control equipment for electrical distribution systems	2	04/12/2017
NR/BS/LI/365	Standard affected: NR/L3/TRK/4004 (Issue 2). Switch and Crossing Assemblies	2	16/06/2016
NR/BS/LI/349	Standards affected: NR/L2/CIV/003 Engineering Assurance of Building and Civil Engineering Works [Issue 4]	1	02/02/2015
NR/BS/LI/348	Requirements for undertaking the roles of Lead Examiner and Examining Engineer for the examination of Tunnels.	1	23/02/2015
NR/BS/LI/347	Standard affected: NR/L2/CTM/028 (Issue 2). Competence and Training	1	16/01/2015
<del>NR/BS/LI/346</del>	<del>Standard affected: NR/VI/ELP/27051 (Issue 4) Work Instruction for D.C. Electrified Lines in the Liverpool area SUPERSEDED BY NR/L3/ELP/27051 HISTORIC ON 3 MARCH 2018</del>	<del>4</del>	<del>16/12/2014</del>
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/340	Standards affected: NR/L3/TRK/4004 (Issue 2). Switch and crossing assemblies	1	07/01/2015
NR/BS/LI/331	Requirements for parapet heights on over bridge and footbridge structures spanning overhead line electrification equipment	2	07/08/2015
NR/BS/LI/328	Standard affected: NR/SP/ELP/21104 (ISSUE 2). Design and Installation of Electric Track Equipment for DC Electrified Lines	1	28/03/2014

# Standards Updates

Document Reference	Title	Issue	Date
NR/BS/LI/326	Standard affected: NR/L2/OHS/050 (Issue 4), Sentinel Scheme Rules	1	16/04/2014
<del>NR/BS/LI/322</del>	<del>Standards affected: NR/L2/TRK/5100 - Issue 2. Management of Fencing and Other Boundary Measures SUPERSEDED BY NR/L2/OTK/5100 HISTORIC ON 1 APRIL 2019</del>	<del>4</del>	<del>28/03/2014</del>
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/283	Standard affected: NR/L3/TRK/4004 (Issue 2). Switch and Crossing Assemblies	2	14/09/2015
NR/BS/LI/282	Standard affected: NR/WI/ELP/3091 (Issue 2). DC Electrified Lines Working Instructions	1	24/01/2013
NR/BS/LI/281	Standard affected: NR/SP/ELP/21060 (Issue 2). Issue of Safety Documentation for Work on 650/750 V dc Apparatus	1	24/01/2013
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/193	Standards affected: NR/L3/CIV/006 Part 11A: Reporting and recording examinations of Structures in CARRS [Issue 2]	2	03/09/2014
NR/BS/LI/185	Standard affected: NR/L2/TRK/5100 (Issue 2). Management of Fencing and Other Boundary Measures SUPERSEDED BY NR/L2/OTK/5100 HISTORIC ON 1 APRIL 2019	3	03/03/2017
NR/BS/LI/174	Standard affected: NR/WI/ELP/3091 (E 2). DC Electrified Lines Working Instructions	1	19/04/2010
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/146	Standard affected: NR/L2/TRK/5100 (Issue 2). Management of Fencing and Other Boundary Measures SUPERSEDED BY NR/L2/OTK/5100 HISTORIC ON 1 APRIL 2019	1	31/10/2009
NR/BS/LI/119	Standard affected: NR/WI/ELP/3091 (Issue E2). DC Electrified Lines Working Instructions	1	12/12/2008
NR/BS/LI/118	DC Electrified Line Working Instruction - standard affected NR/WI/ELP/3091	3	21/04/2011
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
<del>NR/BS/LI/099</del>	<del>Standard affected: NR/WI/ELP/27051 - [Working Instructions for DC Electrified Lines in the Liverpool Area]. Issue 4 SUPERSEDED BY NR/L3/ELP/27051 HISTORIC ON 3 MARCH 2018</del>	<del>4</del>	<del>16/09/2008</del>
NR/BS/LI/097	Standard affected NR/WI/ELP/27052 Work Instructions for DC electrified lines in the Northern city line	1	04/06/2008
<del>NR/BS/LI/096</del>	<del>Standard affected NR/WI/ELP/27051 - Work Instructions for DC electrified lines in the Liverpool area SUPERSEDED BY NR/L3/ELP/27051 HISTORIC ON 3 MARCH 2018</del>	<del>4</del>	<del>04/06/2008</del>
NR/BS/LI/095	Standard affected NR/WI/ELP/3091. DC electrified lines and working instructions	1	04/06/2008
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/090	Standard affected: NR/WI/ELP/3091. DC electrified lines working instructions. Issue E2	4	14/02/2014
NR/BS/LI/084	Project D686: Western Territory 650 V Cable Renewals	1	18/04/2008
NR/BS/LI/083	Rail Defect Classification Codes and Summary of Changes to NR/SP/TRK/057	1	15/05/2008
NR/BS/LI/074	DC Certificates of Isolation associated with circuit breaker - Affected Standard NR/WI/ELP/3091	1	25/10/2007
NR/BS/LI/072	STL Auxiliary Transformer Failures at Traction Substations or Switching Stations	4	19/10/2007
NR/BS/LI/061	Dangerous Incident Notification: 11kV indoor switchgear type YSF6 manufactured by Yorkshire Switchgear	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
<del>NR/BS/LI/058</del>	<del>Train Based Grinding Specification for Switches and Crossing Grinding WITHDRAWN HISTORIC ON 3 MARCH 2018</del>	<del>4</del>	<del>26/09/2006</del>
<del>NR/BS/LI/057</del>	<del>Train Based Grinding Specification For Plain Line Grinding Withdrawn Historic on 3 March 2018</del>	<del>4</del>	<del>26/09/2006</del>
NR/BS/LI/056	Permal Bushings: Access Restrictions	1	11/09/2006
NR/BS/LI/054	Maintenance and Operation of WS Switchgear	1	04/08/2006
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/037	Letter of Instruction re Neutral Section trippings at Hayes	1	10/11/2005
NR/BS/LI/034	Programme to replace components in d.c. circuit breakers comprising asbestos containing materials - affected standard NR/L3/ELP/00110	1	31/10/2005
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
NR/BS/LI/011	Substation Entry Restrictions for Locations Containing ASEA Minimum Oil 25 kV Switchgear	6	17/10/2006

## 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](#)
- [Document structure and type categories](#)
- [Railway Group Standards Help Manual](#)
- [Rule Book module matrix](#)

### 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.

<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.

[GERT8000-RBBL Iss 31.1](#)

Rule Book Briefing Leaflet

### 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.

[GERM8000-master-module Iss 5.1](#) Master Module Manual



## Controlled Document List 02 Jun 2018

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

Ref. / Title	Issue No	Issue Date
<b>GROUP STANDARDS</b>		
Modular Rulebook GE/RT8000/ (See separate page for listed modules and issue dates)	-----	-----
<a href="#">GERM8000-master-module Master Module Manual</a>	5.1	06/2018
<del>GERM8000-master-module Master Module Manual</del>	5	03/2018
GLRT1210 AC Energy Subsystem and Interfaces to Rolling Stock Subsystem	1	12/2014
<a href="#">GERM8000 Track Workers Manual</a>	4.2	06/2018
GERM8000 Possession Workers Manual	2	09/2017
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
PTS Handbook RT 3170	09	06/2013
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	1	12/2016
RIS-3119-TOM Accident and Incident Investigation	1	12/2016
RIS-3279-TOM High Visibility Clothing	1	12/2016
RIS-3350-TOM Communication of Urgent Operating Advice	1	12/2016
RIS-3701-TOM Rail Industry Standard for a Confidential Reporting System for Rail Staff	1	06/2010
RIS-8046-TOM Spoken Safety Communications	1	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

Ref. / Title	Issue No	Issue Date
<b>LONDON UNDERGROUND (LU) STANDARDS</b>		
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	A2	04/2014
<a href="#">LUL G1234 Incident recording, investigation and reporting</a>	A4	04/2017
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	A3	02/2014
LUL G1249 Environmental Incident Categories	A4	10/2014
LUL G557 Electronic Incident Reporting Form (eIRF)	A5	03/2014
LUL LF29 Incident investigation & reporting or recording What you need to remember	01	n/a
LUL R0350 Guidance and advice for the use of personal protective equipment	A1	01/2014
LUL R0403 Personal Protective Equipment (PPE) catalogue	1.1	01/2014
LUL S1251 Alcohol and Work	A2	02/2014
LUL S1257 Drugs and Work	A2	11/2011
LUL S1552 Contract QUENSH Conditions	A18	11/2016



# Controlled Documents



Ref. / Title	Issue No	Issue Date
<b>LONDON UNDERGROUND (LU) STANDARDS</b>		
<b>LUL S1601</b> Management Arrangements to Assure Medical Fitness	A5	01/2012
<b>LUL TE-HBS-0017</b> Managing competence and training	A1 Cat 3	02/1995

Ref. / Title	Issue No	Issue Date
<b>NETWORK RAIL STANDARDS</b>		
<b>NR/CAT/STP/001 CATALOGUE OF NETWORK RAIL STANDARDS</b>	<b>108</b>	<b>06/2018</b>
<b>NR/L2/AMG/1030</b> Working Safely in the Vicinity of Buried Services	<b>1</b>	<b>12/2008</b>
<b>NR/L2/CIV/003</b> Engineering Assurance of Building & Civil Engineering Works	<b>4</b>	<b>06/2012</b>
<b>NR/L2/CIV/035</b> Structural Assessments <b>replaces RT/CE/S/035 Issue 2 (NR/SP/CIV/035)</b>	<b>1</b>	<b>12/2017</b>
<b>NR/L2/CIV/086</b> Management of Earthworks	<b>7</b>	<b>03/2018</b>
<b>NR/L3/CIV/006</b> Handbook for the Examination of Structures	<b>8</b>	<b>06/2017</b>
<b>NR/L3/CIV/185</b> Management of Reports of Safety Related Geotechnical Incidents	<b>1</b>	<b>09/2017</b>
<b>NR/L3/CIV/190</b> Developing Extreme Weather Plans	<b>1</b>	<b>12/2017</b>
<b>NR/GN/CPR/401</b> Guidance on Contractual Health and Safety Requirements	<b>1</b>	<b>12/2008</b>
<b>NR/L2/CPR/201</b> Supplier Qualification	<b>2</b>	<b>12/2011</b>
<b>NR/L2/CPR/302</b> Supplier Qualification - Core Requirements (For PCL / POL Holders)	<b>2</b>	<b>09/2011</b>
<b>NR/L2/CSG/STP001</b> Standards and Controls Management Manual replaces <b>NR/L2/EBM/STP001</b> Managing Standards	<b>7</b>	<b>03/2018</b>
<b>NR/CS/CTM/001</b> Competence Management	<b>1</b>	<b>12/2006</b>
<b>NR/GN/CTM/401</b> Mentoring & Learning Support	<b>1</b>	<b>03/2010</b>
<b>NR/L2/CTM/017</b> Competence and Training in Civil Engineering	<b>1</b>	<b>06/2006</b>
<b>NR/L2/CTM/021</b> Competence & Training in Track Safety	<b>4</b>	<b>12/2010</b>
<b>NR/L2/CTM/201</b> Competence Management	<b>2</b>	<b>03/2012</b>
<b>NR/L2/CTM/202</b> Quality Assurance in Training & Assessment	<b>2</b>	<b>12/2011</b>
<b>NR/L2/CTM/207</b> Competence & Training in Planning	<b>2</b>	<b>06/2012</b>
<b>NR/L2/CTM/209</b> Competence & Training in Safe System of Work Planner	<b>1</b>	<b>12/2010</b>
<b>NR/L2/CTM/220</b> Competence & Training in Portable, Transportable & Mobile Plant Operation	<b>1</b>	<b>06/2012</b>
<b>NR/L2/CTM/223</b> Competence & Training in Managing Site Safety	<b>1</b>	<b>06/2011</b>
<b>NR/L2/EBM/088</b> Arrangements for Maintenance of New and Changed Assets	<b>4</b>	<b>06/2009</b>
<b>NR/L2/ELP/21087</b> Risk Based Maintenance for Overhead Line Assets	<b>7</b>	<b>03/2017</b>
<b>NR/L2/ELP/27009</b> Overhead Line Equipment Campaign Changes	<b>3</b>	<b>03/2017</b>
<b>NR/L2/ELP/27307</b> Management of M&EE Safety Related Event Reports	<b>4</b>	<b>12/2017</b>
<b>NR/L2/ELP/27402</b> Specification for protection and control devices for electrical systems	<b>1</b>	<b>12/2009</b>
<b>NR/L3/ELP/27051</b> Working Instructions for d.c. Electrified Lines in the Liverpool Area	<b>14</b>	<b>12/2017</b>
<b>NR/L3/ELP/27237</b> Overhead Line Work Instructions	<b>15</b>	<b>03/2018</b>
<b>NR/SP/ELP/21078</b> Specification for design of return conductor systems for a.c. electrified lines	<b>2</b>	<b>12/2005</b>



Ref. / Title	Issue No	Issue Date
<b>NETWORK RAIL STANDARDS</b>		
NR/SP/ELP/21088 General maintenance parameters for 25 kV overhead line electrification equipment	2	04/2006
NR/SP/ELP/29987 Working on or About 25 KV AC Electrified Lines	3	06/2007
NR/L2/ENV/015 Environment and Social Minimum Requirements – Design and Construction	7	06/2018
NR/L2/ENV/115 Environment and Social Management System Requirements	1	03/2018
NR/L2/ERG/003 Management of Fatigue: Control of Working Hours for Staff Undertaking Safety Critical Work	5	06/2011
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/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
NR/L3/INI/CP0036 Provision of Welfare Facilities	4	08/2008
NR/L3/INI/CP0064 Delivering Work Within Possessions	5	06/2017
NR/L3/INV/3001 Reporting and Investigation Manual	5	06/2016
NR/L2/INV/002 Accident and Incident Reporting and Investigation	13	12/2011
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/ME0201/CAL263 Calibration of GTRM/Carillion 25kv Overhead Live Line Tester	1	06/2008
NR/L3/MTC/RCS0216 Risk Control Manual	12	06/2018
<del>NR/L3/MTC/RCS0216 Risk Control Manual</del>	<del>11</del>	<del>03/2018</del>
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 General Safety Inspections & Site Surveillance	3	12/2011
NR/L3/OCS/084 Line Clear Arrangements following Engineering Works in Axle Counter areas - Line Clear Verification Process	3	12/2011
NR/CS/OHS/002 Policy on Working Safely	1	02/2007
NR/L1/OHS/051 Drugs and Alcohol	6	12/2015
NR/L1/OHS/052 Traumatic Incident Management	1	06/2016
NR/L1/OHS/053 Assessing Risk of Stress in the Workplace	1	06/2016
NR/L2/OHS/003 Fatigue Risk Management	6	06/2018
NR/L2/OHS/00110 First Aid at Work	6	09/2017
NR/L2/OHS/00112 Worksafe Procedure	2	12/2009

# Controlled Documents



Ref. / Title	Issue No	Issue Date
<b>NETWORK RAIL STANDARDS</b>		
<b>NR/L2/OHS/00124</b> Competence Specific Medical Fitness Requirements and Occupational Health Provider Requirements for Medical Assessments	<b>3</b>	<b>12/2016</b>
<b>NR/L2/OHS/0044</b> Planning and Managing Construction Work replaces NR/L3/INI/CP0044 Work Package Planning	<b>5</b>	<b>12/2016</b>
<b>NR/L2/OHS/0047</b> Application of the construction (Design and Management) Regulations to Network Rail Construction Projects	<b>6</b>	<b>06/2015</b>
<b>NR/L2/OHS/005</b> High Street Environment & Conditions for Work outside Network Rail Managed Infrastructure	<b>7</b>	<b>03/2010</b>
<b>NR/L2/OHS/0120</b> Testing for Drugs and Alcohol	<b>5</b>	<b>12/2015</b>
<b>NR/L2/OHS/019</b> Safety of People working on or near the Line	<b>9</b>	<b>03/2017</b>
<b>NR/L2/OHS/020</b> Track Visitor Permits	<b>5</b>	<b>08/2008</b>
<b>NR/L2/OHS/021</b> Personal Protective Equipment and Work Wear	<b>3</b>	<b>06/2009</b>
<b>NR/L2/OHS/022</b> Working Safely at Height	<b>1</b>	<b>09/2010</b>
<b>NR/L2/OHS/050</b> Sentinel Scheme Rules	<b>4</b>	<b>03/2011</b>
<b>NR/L2/OHS/157</b> Health surveillance for silica and asbestos and the management of diagnosed occupational respiratory conditions	<b>1</b>	<b>03/2017</b>
<b>NR/L3/OHS/0046</b> The Reporting, Investigation and Recording of Safety and Sustainable Development Events and Close Calls within Infrastructure Projects	<b>3</b>	<b>06/2018</b>
<b>NR/L3/OHS/019-IP</b> Planning and Delivering Safe Work – Implementation Principles for Infrastructure Projects	<b>1</b>	<b>06/2018</b>
<b>NR/L3/OHS/133</b> Planning and Delivering Safe Work Using Proscient in the East Midlands	<b>1</b>	<b>06/2017</b>
<b>NR/L2/OTK/5201</b> <a href="#">Lineside Vegetation Management Manual</a> replaces NR/L2/TRK/5201 Management of Lineside Vegetation	<b>1</b>	<b>03/2018</b>
<b>NR/L2/RMVP/0200</b> Infrastructure Plant Manual (formerly known as NR/PLANT/0200)	<b>9</b>	<b>06/2017</b>
<b>NR/L2/RSE/070</b> Engineering Verification	<b>2</b>	<b>12/2011</b>
<b>NR/L2/RSE/100</b> Network Rail Acceptance Panel processes	<b>4</b>	<b>12/2017</b>
<b>NR/L1/RSK/001</b> Network Rail Risk Policy	<b>2</b>	<b>03/2018</b>
<b>NR/L3/SCO/313</b> <a href="#">On-Track Machines (OTMs) Driver and Operations Standards Manual</a>	<b>3</b>	<b>06/2018</b>
<del>NR/L3/SCO/313 On Track Machines (OTMs) Driver and Operations Standards Manual replaces NR/L3/NSC/313 On track Machines (OTMs) Driver and Operations Standard Manual</del>	<del>2</del>	<del>03/2018</del>
<b>NR/SIN/113</b> Special Inspection of Bonding at Bridges, Tunnels & other Overline Structures	<b>1</b>	<b>12/2011</b>
<b>NR/L2/SIG/11201</b> <a href="#">Signalling Design Handbook</a>	<b>11</b>	<b>06/2018</b>
<del>NR/L2/SIG/11201 Signalling Design Handbook</del>	<del>10</del>	<del>06/2015</del>
<b>NR/L2/SIG/30009</b> <a href="#">Signalling Principles Handbook</a>	<b>14</b>	<b>06/2018</b>
<del>NR/L2/SIG/30009 Signalling Principles Handbook</del>	<del>13</del>	<del>03/2018</del>
<b>NR/L3/SIG/MG0110</b> Imposition & Removal of Temporary Speed Restrictions	<b>3</b>	<b>06/2012</b>
<b>NR/L2/SIGELP/50000</b> Safe working and maintenance on or near Signalling Power Distribution Equipment above 175 volts	<b>3</b>	<b>03/2017</b>
<b>NR/L2/SIGELP/50001</b> Working on or Near 650V Signalling Power Supplies (Work Instructions Index)	<b>1</b>	<b>06/2015</b>
<b>NR/L3/SIGELP/50003</b> Safe Working Practices When Working on or Near Signalling Equipment	<b>1</b>	<b>03/2018</b>
<b>NR/L2/TEL/30067</b> The Transmission of Safety Related Information	<b>2</b>	<b>12/2011</b>



Ref. / Title	Issue No	Issue Date
<b>NETWORK RAIL STANDARDS</b>		
NR/L2/TEL/30156 Functional Requirements for Safety Related Communications Equipment for On Track Plant Working	1	12/2011
NR/GN/TRK/7001 Index of Track Work Information Sheets (TWI)	14	12/2017
<del>NR/GN/TRK/7001/TWI2B009 How to Maintain Catchpits</del> replaced by NR/L2/CIV/005/13 Issue 1 <del>NR/GN/TRK/7001/TWI2B011 How to Recognise a Drain Failure</del> replaced by NR/L2/CIV/005 Issue 1 <del>NR/GN/TRK/7001/TWI2B012 How to Maintain Drains</del> replaced by NR/L2/CIV/005/13 Issue 1 <del>NR/GN/TRK/7001/TWI2B013 How to Inspect Drainage</del> replaced by NR/L2/CIV/005 Issue 1 <del>NR/GN/TRK/7001/TWI2B014 How to Carry out Flood Warning Inspection</del> replaced by NR/L2/CIV/005 Issue 1 <del>NR/GN/TRK/7001/TWI2B017 How to Maintain Open Drains, Watercourses and Ditches</del> replaced by NR/L2/CIV/005/14 Issue 1	1	06/2018
NR/L2/TRK/001 Inspection and Maintenance of Permanent Way	11	06/2017
<del>NR/L2/TRK/5201 Management of Lineside Vegetation</del> replaced by NR/L2/OTK/5201 Lineside Vegetation Management Manual	4	06/2012
NR/L3/TRK/003 Index of Track Engineering Forms	26	03/2018
NR/L3/TRK/3530 Track Lubricants	1	06/2012

Ref. / Title	Reference
<b>OTHER STANDARDS &amp; GUIDANCE</b>	
BS EN ISO 14001:2015	2015
BS EN ISO 9001:2015	2015
BS EN ISO 45001:2018	2018
BS OHSAS 18001:2007	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

Ref. / Title	Reference
<b>LEGISLATION</b>	
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 1998	1998 c. 29
Environmental Protection Act 1990	1990 c. 43
Health & Safety at Work etc. Act 1974	1974 c. 37
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

# Controlled Documents



Ref. / Title	Reference
<b>LEGISLATION</b>	
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
The Health and Safety (Display Screen Equipment) Regulations 1992	1992 No. 2792
The Health and Safety (First-Aid) Regulations 1981	1981 No. 917
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 Site Waste Management Plans Regulations 2008	2008 No. 314
The Waste Management (England and Wales) Regulations 2006	2006 No. 937
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

**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)**

Name & Issue	Issue Date	Title	Synopsis
<a href="#">GERT8000-RBBL Iss 31.1</a>	May 2018	Rule Book Briefing Leaflet	Changes to Rule Book module TW1, section 28, have been made regarding terminology used in relation to low adhesion. These changes in terminology need to be reflected in section 8.4 of RS523. This issue of the RBBL includes <a href="#">changes to RS523, section 8.4.</a>
<del>GERT8000-RBBL Iss 31</del>	<del>Mar 2018</del>	<del>Rule Book Briefing Leaflet</del>	<del>Each issue of the Rule Book Briefing Leaflet contains a summary of the changes being introduced in GERT8000. This Leaflet contains details of changes being introduced in June 2018. — Changes to Rule Book module TW1, section 28, are being made regarding terminology used in relation to low adhesion. Details of these changes are provided in the Briefing Leaflet.</del>
<a href="#">GERT8000-Gloss Iss 4</a>	Sep 2017	Glossary of Railway Terminology	You will need this glossary if you are issued with GERT8000. Information on changes to this issue can be found in the Rule Book Briefing Leaflet (GERT8000-RBBL Iss 29)
<a href="#">GERT8000-AC Iss 4</a>	Sep 2015	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. This document has been updated as part of the December 2015 Rule Book Programme.
<a href="#">GERT8000-DC Iss 4</a>	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.
<a href="#">GERT8000-G1 Iss 6</a>	Sep 2015	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) and a signaller or crossing keeper in General safety responsibilities and personal track safety for non-track workers. This document has been updated as part of the December 2015 Rule Book Programme.
<a href="#">GERT8000-HB1 Iss 4</a>	Sep 2015	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). This handbook has been updated as part of the December 2015 Rule Book Programme.
<a href="#">GERT8000-HB10 Iss 4</a>	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.
<a href="#">GERT8000-HB11 Iss 6</a>	Sep 2017	Duties of the person in charge of a possession (PICOP)	You will need this handbook if you carry out the duties of the PICOP. This document has been updated as part of the December 2015 Rule Book Programme.

# Controlled Documents



Name & Issue	Issue Date	Title	Synopsis
<a href="#">GERT8000-HB12 Iss 6</a>	Sep 2017	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. This document has been updated as part of the December 2015 Rule Book Programme.
<a href="#">GERT8000-HB13 Iss 2</a>	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)
<a href="#">GERT8000-HB14 Iss 2</a>	Mar 2014	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.
<a href="#">GERT8000-HB15 Iss 5</a>	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.
<a href="#">GERT8000-HB16 Iss 3</a>	Sep 2015	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. This document has been updated as part of the December 2015 Rule Book Programme.
<a href="#">GERT8000-HB17 Iss 3</a>	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.
<a href="#">GERT8000-HB18 Iss 4</a>	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.
<a href="#">GERT8000-HB19 Iss 3</a>	Sep 2015	Work on signalling equipment - duties of the signalling technician	You will need this handbook if you carry out the duties of a signalling technician. This document has been updated as part of the December 2015 Rule Book Programme
<a href="#">GERT8000-HB2 Iss 2</a>	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.
<a href="#">GERT8000-HB20 Iss 2</a>	Sep 2015	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. This document has been updated as part of the December 2015 Rule Book Programme.
<a href="#">GERT8000-HB21 Iss 3</a>	Sep 2017	Safe work leader (SWL) blocking a line	You will need this handbook if you are a safe work leader (SWL) blocking a line. This document has been updated as part of the December 2015 Rule Book Programme.
<a href="#">GERT8000-HB3 Iss 3</a>	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).
<a href="#">GERT8000-HB4 Iss 2</a>	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).
<a href="#">GERT8000-HB5 Iss 2</a>	Sep 2011	Handsignalling duties	This handbook is for those who carry out handsignalling duties.
<a href="#">GERT8000-HB6 Iss 5</a>	Sep 2015	General duties of an individual working alone	This handbook is for those personnel with general duties of an individual working alone (IWA). This handbook has been updated as part of the December 2015 Rule Book Programme.
<a href="#">GERT8000-HB7 Iss 5</a>	Sep 2015	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). This document has been updated as part of the December 2015 Rule Book Programme.
<a href="#">GERT8000-HB8 Iss 6</a>	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. This document has been updated as part of the December 2015 Rule Book Programme.
<a href="#">GERT8000-HB9 Iss 6</a>	Sep 2017	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. This document has been updated as part of the December 2015 Rule Book Programme.
<a href="#">GERT8000-OTM Iss 8</a>	Sep 2017	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, operator of an on-track machine or signaller. This document has been updated as part of the December 2015 Rule Book Programme.
<a href="#">GERT8000-T10 Iss 4</a>	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).
<a href="#">GERT8000-T3 Iss 8</a>	Sep 2017	Possession of a running line for engineering work	You will need this module if you carry out the duties of a driver or signaller. Information on changes to the issue can be found in the Rule Book Briefing Leaflet (GERT8000-RBBL Iss 29)



## 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](mailto:codeofconduct@networkrail.co.uk)

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

- [Conflicts-of-Interest-and-Outside-Activities-Policy-Refreshed](#) PDF / 1 Jun 2018
- [Speak-Out-Policy-2018](#) PDF / 30 Apr 2018
- [Anti-bribery-Policy-2018-Updated-iEthics-Links](#) PDF / 30 Apr 2018
- [Anti-Slavery and Human Trafficking Policy May 2017](#) PDF / 30 Oct 2017
- [Code of Conduct Oct 2017](#) PDF / 30 Oct 2017
- [Gifts and Hospitality Policy](#) PDF / 23 Mar 2017
- [Code of Business Ethics](#) PDF / 17 Feb 2017
- [Operational Briefing Video](#) ZIP / 15 Jul 2016

#### [Modern Slavery](#) (web page)

- [Speak-Out-Policy-2018](#) PDF / 30 Apr 2018
- [Stronger-Together-Poster](#) PDF / 6 Apr 2018
- [Stronger-Together-Worker-Induction-Template](#) PPT / 6 Apr 2018
- [Toolbox talk – Modern slavery](#) PDF / 3 Apr 2018
- [Discussion Pack – Modern Slavery](#) PDF / 3 Apr 2018
- [Anti-Slavery and Human Trafficking Policy May 2017](#) PDF / 30 Oct 2017

### Safety Bulletins as of 5<sup>th</sup> June 2018

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

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

You can refine your search by:

#### Bulletin type

- Archive - Lessons Learned
- 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 BULLETIN.**





## Useful Links

### Safety Bulletins

- [Safety Bulletin NRB 18\\_09 – Operational close call line blockage error](#) May 15, 2018
- [Safety Bulletin NRB 18\\_08 – Near miss with staff near Primrose Hill tunnel portal](#) April 27, 2018
- [Safety Bulletin NRB 18\\_07 – Manual handling injury leads to ORR improvement notice](#) April 23, 2018
- [Safety Bulletin NRB 18\\_06 Collision with a car at Routs level crossing](#) April 6, 2018
- [Safety Bulletin NRB 18\\_05 Train striking rail at Cradlehall on the Highland Mainline](#) Mar 21, 2018

### Safety Advice

- [Safety Advice NRA 18\\_08 – Vegetation management during the bird nesting period](#) June 4, 2018
- [Safety Advice NRA 18\\_07 – Use of bitumen boiler for sealing longitudinal timbers](#) June 4, 2018
- [Safety Advice NRA 18\\_06 Safe use of manually propelled rail handlers \(iron men\) – Issue 2](#) May 23, 2018
- [Safety Advice NRA 18\\_05 -Safety critical failures of link trolley brakes Issue 2](#) May 23, 2018
- [Safety Advice NRA 18\\_04 Dialling emergency and non emergency numbers at work](#) April 9, 2018
- [Safety Advice NRA 18\\_03 – Failure of swivel hook](#) March 12, 2018
- [Safety Advice NRA 18\\_02 – Failure of main hoist rope on mobile crane](#) January 19, 2018

### Other documents

- [Tree Felling clarification](#) June 4, 2018

## 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)

Think RISK is a campaign to help to stop you and your colleagues getting injured at work. Quite simply, it is a series of prompts for you to think through when you're doing your job and help identify and manage safety risks more effectively.

- [Think RISK Launch Film](#) MP4 / 26 May 2018
- [Think-RISK-safety-hour-discussion-pack.](#) PPTX / 25 May 2018
- [Think RISK Safety Hour supporting document](#) PDF / 25 May 2018
- [Think RISK Feedback Form](#) DOCX / 25 May 2018
- [Think RISK- Lisbeth Fromling](#) MP4 / 24 May 2018
- [Think RISK Discussion with Chester DU](#) MP4 / 24 May 2018
- [Think RISK Poster Set 1](#) PDF / 22 May 2018
- [Think RISK Poster Set 2](#) PDF / 22 May 2018

## 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](mailto:safety.central@networkrail.co.uk) to let us know.



## Useful Links

### Resource Library

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

### Track Safety Alliance

A few videos of interest at the Track Safety Alliance website:

<http://www.tracksafetyalliance.co.uk/videos/65/>

- [Japanese knotweed](#)
- [Near miss one too many](#)
- [Prep4Safety V2](#)
- [Prep4Winter](#)
- [Track Safety Matters - Introduction To TSA](#)
- [Track Safety Matters - The Ballast Dust Story](#)
- [Track Safety Matters - Close Calls](#)
- [Track Safety Matters - Safety And Innovation](#)
- [Fatigue Management](#)
- [TSA - Prep4Safety](#)
- [Working at Height](#)
- [Great Crested Newts](#)

### TSA Safety Alert

- [TSA Safety Alert - Crush Injury](#) April 30, 2018

### 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**



## Useful Links

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

Item	Details
<p><b>Health and Safety Executive</b>  <a href="http://www.hse.gov.uk">http://www.hse.gov.uk</a>                      – 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><b>CIRAS Online</b>  <a href="http://www.ciras.org.uk">http://www.ciras.org.uk</a>                      – free access</p>	<p>The Confidential Incident Reporting and Analysis System                      Freephone number 0800 4 101 101.</p>
<p><b>Network Rail</b>  <a href="http://www.networkrail.co.uk">http://www.networkrail.co.uk</a>                      – Website</p>	<p>Owner and operator of Britain's railway infrastructure.</p>
<p><b>Network Rail Standards</b>  <a href="http://www.ihserc.com/">http://www.ihserc.com/</a>                      – subscription required</p> <p><b>Network Rail Standards Subscriptions</b>                      IHS Global Ltd                      Phone: 01344 328000</p> <p><b>Network Rail Standards Management Publications Manager</b>                      Nicole Lockwood                      Phone: 01908 782 481</p> <p><b>Network Rail Standards Hard Copy Document Centre</b>                      IHS Retail                      Phone: 01344 328039                      Fax: 01344 328005 or email:  <a href="mailto:emeastore@ihs.com">emeastore@ihs.com</a></p> <p><b>Network Rail Technical Drawings</b>                      National Records Group                      Email: <a href="mailto:nrgcivils@networkrail.co.uk">nrgcivils@networkrail.co.uk</a></p>	<p>All current Network Rail standards are available via the IHS website.</p> <p><b>How do I become an annual subscriber to an IHS product?</b>                      IHS business packages are available to purchase on an Annual Subscription basis by either Core Selection Criteria or individual/additional supplements.</p> <p>Upon receiving the above information we will be in contact to confirm your exact requirements along with pricing details. Before issuing a Password for Internet Access or forwarding CD ROMs we will require an official Purchase Order No. from your Company.</p>
<p><b>Network Rail Safety Central</b>  <a href="http://safety.networkrail.co.uk">http://safety.networkrail.co.uk</a>                      – 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"> <li>• Alerts &amp; Campaign Material</li> <li>• Communication &amp; Health</li> <li>• Commitment &amp; Rules</li> <li>• Safety Groups</li> <li>• On Site Solutions</li> <li>• Toolbox</li> </ul>
<p><b>RSSB Close Call System</b>  <a href="http://www.closecallsystem.co.uk">www.closecallsystem.co.uk</a>                      – 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><b>Rail Safety and Standards Board</b>  <a href="http://www.rssb.co.uk">http://www.rssb.co.uk</a>                      – free access</p>	<p>RSSB builds industry-wide consensus and facilitates the resolution of difficult cross-industry issues. They provide knowledge, analysis, a substantial level of technical expertise, powerful information and risk management tools.</p>
<p><b>RSSB Websites &amp; Online Services</b>  <a href="http://www.rssb.co.uk/rssb-websites-and-services">http://www.rssb.co.uk/rssb-websites-and-services</a></p>	<p><b>RSSB Websites &amp; Online Services</b></p> <p>This is a very useful page that provides links to various other websites. These websites are fully or partially hosted by RSSB and other external organisations within the rail industry to you with useful resources and tools.</p>



Item	Details
<p><b>Railway Group Standards</b>  <a href="http://www.rssb.co.uk/rgs">http://www.rssb.co.uk/rgs</a>                      – free access</p> <p>Rail Safety &amp; Standards Board                      Enquiry Desk                      Phone: 020 3142 5400                      Website <a href="http://www.rssb.co.uk">www.rssb.co.uk</a></p>	<p><b>Purchasing Railway Group Standards</b>                      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"> <li>• Railway Group Standards code and title</li> <li>• Quantity</li> <li>• Price</li> <li>• Purchaser's full name, business, address and telephone number</li> <li>• Credit card details, cheque or purchase order number</li> </ul> <p>Then fax or post it to <b>Willsons Printers Limited</b> 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><b>Purchasing National Operations Publications</b>                      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"> <li>• Modular Rule Book (GERT8000)</li> <li>• Working Manual for Rail Staff: Handling and Carriage of Dangerous Goods (GORM3053)</li> <li>• Working Manual for Rail Staff: Freight Train Operators (GORM3056)</li> <li>• Rule Book Forms</li> </ul> <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 <b>Denise Atkinson</b> at <b>Willsons Printers Limited</b> at the address below:</p> <p><b>Willsons Printers Limited</b>  <b>Highlander House</b>  <b>Cross Street, Newark</b>  <b>Nottinghamshire, NG24 1PP</b>  <b>Tel: 01636702334 Fax: 01636701396</b> <a href="http://www.willsonshop.com">http://www.willsonshop.com</a></p>
<p><b>M&amp;EE Networking Group</b>  <b>Codes of Practice</b>  <a href="http://www.rssb.co.uk/rgs">http://www.rssb.co.uk/rgs</a></p> <p><b>Refine results by selecting Lead Committee</b></p>	<p>The M&amp;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&amp;EE Networking Group produces Codes of Practice and other documents as good practice for all members of the industry.</p>
<p><b>Rail Sentinel</b>  <a href="https://www.railsentinel.co.uk/">https://www.railsentinel.co.uk/</a> – registered companies only</p>	<p><b>Sentinel Scheme Rules</b>                      The latest copy of the scheme rules can be found here: <a href="#">Sentinel Scheme Rules</a> (bottom of website)</p>
<p><b>Office of Rail and Road</b>  <a href="http://orr.gov.uk/">http://orr.gov.uk/</a>                      – free access</p>	<p>Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.</p>
<p><b>Rail Accident Investigation Branch</b>  <a href="http://www.raib.gov.uk/">http://www.raib.gov.uk/</a>                      – free access</p>	<p>Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to improve safety, not to establish blame.</p>



## Other Safety Information

### Other Bulletins

#### Planning and Delivering Safe Work

Standard 019 – Safety of people at work on or near the line is now live.

<https://safety.networkrail.co.uk/safety/planning-and-delivering-safe-work/>

- [SSoWP Guidance](#)
- [PDSW Communications](#)
- [Standard 019 issue 9 Support](#)
- [Standard 019 Briefing Materials](#)
- [Standard 019 Further Guidance](#)
- [019 Infrastructure Projects Guidance](#)

#### Latest updates:

- [Latest 019 FAQs – August 2017](#) PDF / 20 Oct 2017
- [Revised Standard 019 Animation](#) MP4 / 17 Feb 2017



Update: 11<sup>th</sup> May 2018

**Network Rail position statement regarding Jo Johnson, Rail Minister’s suspension of “all felling during the current nesting season, except where safety critical”**



Network Rail undertakes vegetation control to enable the operation of a safe and efficiently performing railway. Those plans should continue, in accordance with Network Rail’s Standards and as set out below, which is in line with the recent instruction from the Rail Minister that all tree clearance activities in England and Wales must cease unless permitted by the guidance within this document.

Where work is continued as part of this instruction Network Rail will be required to maintain a count of the trees removed during works. Network Rail has also committed to undertake additional assurance to support this instruction.

Definitions have been derived from forestry legislation relating to felling licences and NR internal standard for vegetation management (NR/L2/OTK/5201). Current nesting season is defined in NR guidance as 1<sup>st</sup> March to 31<sup>st</sup> August.

Management scenario	Minimum activity necessary to maintain safe operations			
	Fell trees	Selective thin trees <50%	Remove trees	Lopping, topping, pruning, pollarding
	>10cm dbh	<10cm dbh only	<8cm dbh only	All sizes.
<b>Safety critical tree hazard / condition</b>				
Category 5, 6 and 7 trees		n/a	n/a	
Category 1, 2, 3 and 4 trees		n/a	n/a	
<b>Safety critical due to vegetation affecting railway infrastructure and operations</b>				
Leaf fall / known adhesion problem sites				
Within 300mm of overhead line equipment				
Blocked signal sighting				
Blocked operational sign sighting				
Blocked level crossing sighting				
Branches contacting with trains				
Construction activities				
Clearance for fencing work				
Inspection of structures / earthworks				

	Activities as defined can proceed following breeding bird surveys and all other required environmental checks
	Activities should normally be planned to take place outside of nesting season. If activities must take place, only those highlighted can take place following breeding bird surveys and all other required environmental checks. Work shall be the minimum necessary during the nesting season.
	Felling activities shall not take place between 1 <sup>st</sup> March and 31 <sup>st</sup> August

**Notes**

- **Category 1, 2, 3, 4, 5, 6 or 7 trees** – defined using [NR/L3/TRK/003/TEF3077](#) ‘Tree Hazard: Risk Evaluation and Treatment System’; modelled tree risk assessments (e.g. POLESTORM, FAILSAFE) require use of TEF3077 to confirm Category 5, 6 or 7 before safety critical tree removal.
- **Selective thin (<50%)** – removal of up to 50% of stems <10cm dbh within an area of woodland. If used in leaf fall risk areas, number of leaves capable of causing issues will be reduced.
- **dbh** – diameter of tree measured at 1.3m up the trunk [diameter at breast height]
- **Breeding bird surveys** – forms and guidance available on Safety Central ([Biodiversity](#))
- **Environmental checks** – if required framework ecological consultants contact details are available on Safety Central ([Biodiversity](#))

Content approved by:

  
 Dr. Neil Strong, Head of Lineside 11/5/18

Approved for publication by:

  
 John Edgley, Chief Track & Lineside Engineer 11/5/18

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# Operational Safety Learning

## Protection of Possession Support Staff & Possession Irregularities

*Issued to:* All Operational Frontline Possession Staff & Planners  
*Ref:* NSL/OPS/001  
*Date of issue:* 03/04/18  
*Location:* National Issue  
*Contact:* [simon.wilkinson@networkrail.co.uk](mailto:simon.wilkinson@networkrail.co.uk)

### Overview

There have been a significant number of possession irregularities in recent months, with possession limit boards or detonators being either placed on the wrong line or in the wrong location.

This potentially puts staff and / or contractors at risk of serious harm or injury. Investigations into previous incidents have identified the following contributing factors:

- Poor planning & communications
- Lack of route knowledge
- Inadequate briefings and changes to planned work.

At the PICOP meeting the Person In Charge Of the Possession must:

- Provide details of the possession limits, train movements, worksites and any associated isolations.
- Agree the people and equipment needed to manage the possession arrangements.
- Make sure there are suitable means of communication available to allow you to speak with all those involved in the possession, e.g. the Signaller, Engineering Supervisors, Possession Support Staff (PSS), and the Emergency Services.
- Make sure that the PSS are fully briefed before the possession and they understand their duties. The PICOP also needs to make sure they brief the PSS how they will be protected while placing the detonator protection.
- Make sure that all PSS are in receipt of all relevant paperwork. This includes the possession pack which contains track diagrams detailing the protection arrangements as per NR/L3/OPS/303.
- Instruct the PSS **NOT TO** go on or near the line until they have received permission from the PICOP (and if keying a signal, the Signaller), but in both cases always after receiving confirmation that the protecting signal(s) are at danger in accordance with GE/RT8000 Rule Book/ NR/L2/OHS/019.
- Apply the hierarchy of control for operational risk (NR/L2/OHS/019 Table 2) where there is a requirement to go on or near the line outside of the protecting signals



### Discussion Points

- *Robust planning prior to the possession is paramount.*
- *A well-structured PICOP meeting is critical to the success of the possession. Many of the interfaces may be outside the control of a PICOP. However, understanding what the "other" arrangements are will assist all parties in safely planning their works.*
- *Remember: Track diagrams do not necessarily relate exact distances to track layouts and features in complex geographical areas.*
- *Comprehensive communication of all aspects of possession management is paramount.*





## The Greater West - Wales Electrification

# Safety, Health & Environmental Bulletin

Number 043May 2018

### On Track Plant Movements Around Points

Following a growing number of points related incidents, please be aware of the following measures to be implemented **with immediate effect**.

**All points** which could be potentially travelled through by Balfour Beatty On Track Plant (OTP) or suppliers OTP working on behalf of Balfour Beatty **must be protected** by Til Dawn lamps (TDL). This extends to any points which are planned to be travelled over, even if they are not planned to be moved.



Furthermore, any Machine Controllers (MC) or Crane Controllers (CC) who:

- Fail to **walk in front** of their designated OTP during rail movements.
- Fail to **inspect all points** prior to travelling over them, ensuring they are set in the correct position.
- Or fail to follow the **Til Dawn lamp process**.

Will be issued with a project **Red Card**. This will result in the individual being immediately removed from site and potentially permanently removed from the project pending a full investigation.

Author:	Paul Lucking	H&S Analyst
Authorised By:	Mark Walsh	H&S Specialist







# CBD Oil and Its Significance in Drug Testing

## Technical Bulletin

An increasing number of health food stores are promoting CBD (cannabidiol) oil as a food supplement.

In this document we aim to illustrate that the consumption of CBD oil purchased from a reputable source in the UK and used in the recommended dosage is highly unlikely to result in a positive cannabis test.

Cannabidiol (CBD) oil is derived from the cannabis plant and is one of many cannabinoids present. Different strains of the cannabis plant (*cannabis sativa*) contain varying amounts of the psychoactive component tetrahydrocannabinol (THC). Cannabis grown for illicit drug use contains high levels of THC. CBD does not have the psychoactive effect of THC and is thought to reduce some of its psychotic effects.

### Hemp

Hemp is a strain of the cannabis plant grown for industrial uses such as foods, oils, textiles and ropes etc. Hemp contains little or no THC. It is this strain of plant that is used for production of CBD oil. Hemp plants grown under Home Office licence must contain less than 0.2% THC<sup>1</sup> and consequently any CBD oil extracted from the plant will have little or no THC present.

### Drug Tests

Cannabis screening tests target the psychoactive component THC and its metabolite 11- $\Delta^9$ -THC carboxylic acid (THC-COOH). The screening tests have little or no cross-reactivity to CBD and consequently it is highly unlikely that a sample from a donor that has consumed only CBD oil from a UK health food store in a quantity consistent with recommended dosage guidelines would test anything other than negative.

As with all drug testing, if a sample screens non-negative, further confirmation analysis is necessary before the result can be considered legally defensible. The concentration of THC required in order for a laboratory confirmation test to be positive for THC is highly unlikely to be exceeded given the low level of THC in CBD oil products.

### Reference

- 1. <http://www.emodda.europa.eu/system/files/publications/4135/TD0217210ENN.pdf>



Cannabis plant



Cannabidiol (CBD)

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# SafetyAlert

April 2018

## Overturned excavator

A 20tonne tracked excavator was being offloaded from a delivery vehicle at the M6 J2-J4 Smart Motorway Programme project.

As it was being unloaded a bucket which had been stored in-between the tracks for transportation became stuck. The operator attempted to release the bucket resulting in the excavator falling from the side of the trailer, coming to rest on the verge.

Shown in the picture below:-



There were no workers or pedestrians within the area and the operator was able to exit the excavator to a place of safety unaided.

The excavator was recovered as part of a carriageway closure.

- Immediate actions taken:**
- Operator checked for injuries/wellbeing
  - Area cordoned off for recovery
  - Investigation commenced
- Key considerations:**
- Ensure ancillary equipment such as excavator buckets are not carried in-between the excavator tracks and a clear storage/transportation area is defined.
  - Ensure plant delivery drivers are familiar with and work to safe working practices
  - Ensure plant delivery drivers loading/off-loading plant from low loaders have the appropriate training and competence for the activity.
  - Ensure there is a banksman or similar supervising and controlling delivery operations.

**Further Information:**

For further information please contact the National Health & Safety Team via email [NH&ST@highwaysengland.co.uk](mailto:NH&ST@highwaysengland.co.uk)

HEI048

**Major Projects Directorate**



**CONSTRUCTION ADVICE NOTICE**

**CAN Number: 240**

**Date authorised for Issue: 16 April 2018.**

**For enquiries on this CAN, contact: Construction Compliance Team: 4LMcomplianceteam@TFL.gov.uk**

## Alpha Scan

**Before you enter a site at the beginning of your shift you **MUST** carry out an ALPHA SCAN**

An Alpha scan is about taking a short time ( 20-30 Seconds) to stand back and survey all that you can see around you, before you enter or start work on site

**Take in the bigger pictures**

**Possible Hazards:**

- What direct hazards can you see, such as slippery or uneven surfaces, tripping hazards, open excavations, personnel working above you, unsafe conditions, plant and machinery movement on site, dust, noise, hot works with possible sparks, electrical. The list goes on!
- Has anything changed since the site was last visited – housekeeping improved? Waste management? Etc
- If you were on site previously, are there any changes to the site, such as weather conditions or the type of work being undertaken or even different plant.

**What controls are in place?**

- If you note there has been changes to the site conditions check that they have been recorded and staff have been briefed.
- Please ensure you have been briefed on the hazards of the site you are to enter.
- The site signage gives clear notification of requirements for PPE for entering the site.
- Exclusion zones around plant, excavations, Hot working only, you must only enter if protected and authorised.
- Personal Protective Equipment being used for tasks must be adequate for the task? This could be special equipment that requires additional training so check.
- Is dust being suppressed by means of an extractor or water?

**Remember if it looks wrong it most likely is!**

If you have identified a hazard which you feel could affect you or the people around you **MUST** report it to the supervisor/ SPC who will act upon this.

*Striving towards Zero Harm*

Author: Dave Thompson/Richard Prior

Commissioned by: Paul Flynn

Revision: 2



## TSA SAFETY ALERT

# CRUSH INJURY LOST TIME RIDDOR

### For attention of: All Staff

#### Overview:

Last week a member of staff suffered a significant injury to his fingers as a result of an accident while transporting a Universal Track Access System (UTAS) within its cage. The UTAS is an steel on/off tracking facility for Road/Rail machines and weighs approximately 2 tonnes.

The IP, who was working as a POS, was holding the cage as it struck the wheel of the RRV and the UTAS shifted within the cage, trapping 2 fingers on his right hand.

The IP suffered a crush injury and partial amputation of the tip of one finger. He was taken to Derby hospital to which he



**Above:** Injury

**Left:** UTAS unit in cage; total weight 2.5 tonnes

#### Immediate Action Required:

- Brief staff about the accident
- What are the rules about exclusion zones? Who controls the exclusion zone?
- Should the IP have been holding on to the cage?
- Ask what actions they would have taken and if they would have done anything different?

For further information please contact: [iptracksandsd@networkrail.co.uk](mailto:iptracksandsd@networkrail.co.uk)





# HURST SETTER & ASSOCIATES LTD

## Health Safety & Environmental Newsletter

May – June 2018

### What is Lifting Equipment & What Are My Duties?

Well before we get into what is Lifting Equipment we should briefly cover the Lifting Operations & Lifting Equipment Regulations 1998 (LOLER).

These Regulations (often abbreviated to LOLER) place duties on people and companies who own, operate or have control over lifting equipment. This includes all businesses and organisations whose employees use lifting equipment, whether owned by them or not. In most cases, lifting equipment is also work equipment so the Provision and Use of Work Equipment Regulations (PUWER) will also apply (including inspection and maintenance). All lifting operations involving lifting equipment must be properly planned by a competent person, appropriately supervised and carried out in a safe manner.

LOLER also requires that all equipment used for lifting is fit for purpose, appropriate for the task, suitably marked and, in many cases, subject to statutory periodic 'thorough examination'. Records must be kept of all thorough examinations and any defects found must be reported to both the person responsible for the equipment and the relevant enforcing authority.

The following HSE publications provide further reading and guidance on LOLER, they are free to download at the links.



<http://www.hse.gov.uk/pubns/books/l113.htm>



<http://www.hse.gov.uk/pubns/books/loler.htm>



<http://www.hse.gov.uk/pubns/indg290.htm>

The range of lifting equipment covered by LOLER is very wide and the Regulations can apply across all industry sectors; from healthcare to construction, most industries and commercial activity will use some kind of lifting equipment.

Technological progress has meant that innovative, often complex and powerful lifting equipment is now available for use. Nevertheless, whether it is modern and complex or more traditional lifting equipment, LOLER will apply if it is used by employees or the relevant self-employed at work. If you are self-employed and your work poses no risk to the health and safety of others, then health and safety law may not apply to you. HSE has guidance to help you understand if the law applies.

There are three key terms used in reference to the Regulations: 'lifting equipment'; 'lifting operations'; and 'the load'.



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Tel: 01283 569625 Fax: 01283 569627 Email: [safety@hurstsetter.co.uk](mailto:safety@hurstsetter.co.uk) Web: [www.hurstsetter.co.uk](http://www.hurstsetter.co.uk)  
The HSE website [www.hse.gov.uk](http://www.hse.gov.uk) is gratefully acknowledged as a primary source for information



# HURST SETTER & ASSOCIATES LTD

## Health Safety & Environmental Newsletter

May – June 2018

### Lifting Equipment

Lifting equipment is any work equipment for lifting and lowering loads, and includes any accessories used in doing so (such as attachments to support, fix or anchor the equipment).

Examples of lifting equipment include:

- Overhead cranes and their supporting runways
- Patient hoists
- Motor vehicle lifts
- Vehicle tail lifts and cranes fitted to vehicles
- A building cleaning cradle and its suspension equipment
- Goods and passenger lifts
- Telehandlers and fork lifts
- Lifting accessories

### Lifting Accessories

Lifting accessories are pieces of equipment that are used to attach the load to lifting equipment, providing a link between the two. Any lifting accessories used between lifting equipment and the load may need to be taken into account in determining the overall weight of the load.

Examples of lifting accessories include:

- Fibre or rope slings
- Chains (single or multiple leg)
- Hooks
- Eyebolts
- Spreader beams
- Magnetic and vacuum devices

Lifting accessories should always be given the same respect as lifting equipment, they should be inspected in accordance with LOLER and the manufacturers/suppliers instructions by a competent person.



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 Tel: 01283 569625 Fax: 01283 569627 Email: [safety@hurstsetter.co.uk](mailto:safety@hurstsetter.co.uk) Web: [www.hurstsetter.co.uk](http://www.hurstsetter.co.uk)  
 The HSE website [www.hse.gov.uk](http://www.hse.gov.uk) is gratefully acknowledged as a primary source for information

### Lifting Operations

Regulation 8(2) of LOLER defines a lifting operation as '... an operation concerned with the lifting or lowering of a load'. A 'load' is the item or items being lifted, which includes a person or people.

### The Load

The load includes any material, people or animals (or any combination of these) that is lifted by the lifting equipment. Loads are often provided with permanent or semi-permanent fixed or attached points for lifting. In most cases, these are considered to be part of the load.

Examples of loads include:

- Loose bulk materials
- Sacks, bags, pallets and stillages
- Discrete items (such as a large concrete block)
- machinery and any permanently attached lifting eyes
- A skip and the lugs fixed to its side

### Equipment Not Covered By LOLER

LOLER is wide in its scope and some equipment might appear to be 'lifting' and therefore thought to be covered by LOLER. However, there are some notable exceptions that are not covered by LOLER, including:

- pallet trucks, where the consequence of the load falling off is very low
- Roller shutter doors
- Escalators
- Fall arrest ropes
- Tipper trucks
- Dentist chairs

However, where this equipment is used at work, it will need to be maintained for safety and may (in some cases) be subject to inspection under PUWER



<b>SAFETY ALERT</b>		
<b>Issue Date:</b> 16 <sup>th</sup> May 2018	<b>Issue No:</b> 2018-2	<b>Source:</b> Assurance Services
<b>Brief Description:</b>		
<b>Directors', Managers' &amp; Supervisors' guide for managing staff fasting during Ramadan</b>		

Our employees' religious beliefs are a core part of their identity. Understanding the things that matter to them and providing the correct support helps to keep them safe and ensure that they perform at their best.

**WHAT IS RAMADAN?**

Ramadan is the name of the 9th month of the Islamic calendar and is considered as the holiest month of the year. Muslims believe that during this month, the Qur'an, the central religious text of Islam was revealed to the prophet Muhammad. Within this month, Muslims atone and seek nearness to Allah, the Islamic name for God. As part of Ramadan, adult Muslims and some children will refrain from food and drink of any sort during the daylight hours.

**This year Ramadan falls between Thursday 17<sup>th</sup> May 2018 and finishes on Friday 15<sup>th</sup> June 2018. Fasting hours lasts on average 18 ½ hours a day.**

**KEY POINTS:**

Encourage your staff to come to you if they need support e.g. an adjustment to their normal working pattern or lighter duties.

**Be aware**

- Who does this affect within your team?
- Could fasting have an impact on both themselves and their work?
- Can it affect their safety and that of others they work with?
- Are any changes required to their daily tasks?

**Be flexible**

- Consider alternative working arrangements, or temporarily re-allocating staff to night time working if possible
- Reduce physically/attention demanding work activities if required, especially during hot days
- Make allowances for Muslim staff to take a break at sunset to break their fast and pray

**Be prepared**

- If you are planning for Muslim staff to be working during daylight hours during Ramadan, put in place additional precautionary measures, e.g. a buddy-buddy system and proactive health monitoring
- If a Muslim member of staff suffers from poor health caused by a lack of hydration / nourishment, please immediately ensure they are provided with water and food.



**Safety is paramount – Everyone Home Safe Everyday**



## Ramadan – Guide for Staff

Our employees’ religious beliefs are a core part of their identity. Understanding the things that matter to them and providing the correct support helps to keep them safe and ensure that they perform at their best.

### WHAT IS RAMADAN?

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This year Ramadan falls between Thursday 17<sup>th</sup> May 2018 and finishes on Friday 15<sup>th</sup> June 2018.

Fasting hours lasts on average 18 ½ hours a day.

### Guide for all staff



Fasting 18 hours a day is not easy; colleagues need to appreciate how this can translate into behaviour and working practices.



Fasting should not normally interfere with everyday tasks at work, but during Ramadan, fasting co-workers may be tired or lacking energy during the day, especially when the weather is hot. Usually the first ten days are the hardest.

If you normally eat your lunch at your desk, try and show some discretion. However, the vast majority of Muslims won't mind as its part and parcel of Ramadan in the UK.



Allow your Muslim colleagues to take a break at sunset to break their fast and pray

Watch out for your Muslim colleagues, especially when working outside during the day.



Offer your Muslim colleagues help and support during the fasting hours e.g. help with physically strenuous activities.

If a Muslim colleague suffers from ill health caused by a lack of hydration / nourishment when fasting, please immediately ensure they are provided with water and food.

### Guide for fasting staff

Drink plenty of water in the hours when you can eat. Excessive salt consumption in meals will cause dehydration, leaving you feeling drained and tired during the day.



If you produce very little or no urine, feel disoriented and confused, or faint as a result of dehydration, you must stop fasting and have a drink of water or other fluid.



Eat a balanced diet throughout Ramadan.

“Suhoor” (pre-dawn meal) is important to keep you healthy during the long days during summer.

Ensure you rest whenever you can to avoid fatigue.



Inform your Line Manager if you think that you need support e.g. adjustment to your normal working pattern or lighter duties.

## Safety is paramount – Everyone Home Safe Everyday

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 t 0115 919 1111 w www.bridgeway-consulting.co.uk  
 e assurance@bridgeway-consulting.co.uk

**(3E)S** = Exceeding Expectations Everywhere Safely





## Other Safety Information



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

Issue 56 Summer 2018



## Safety Culture, Behavioural & Wellbeing Survey 2018

We will be launching a staff survey to assess the safety culture and behaviours as well as staff wellbeing within Bridgeway. See page 3 for more details.

and will help us identify and make improvements in areas where it is necessary. Your participation in this survey will only take approx 7 - 8 minutes and is greatly appreciated.



Safety is an integral part of everything we do at Bridgeway. We take the safety of our employees, others we work with, and that of the public very seriously. Your views and opinions are important

Bridgeway will donate £1 for every submitted survey to our charity collection pot and distributed to nominated charities at the end of the year.

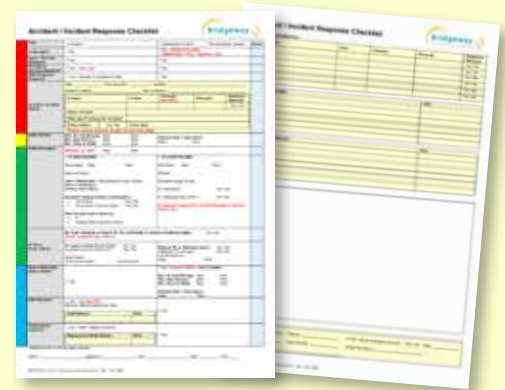
## 1 Accident Incident Response (AIR) Form

Immediate reporting of accidents and incidents using Bridgeway's AIR Form helps ensure that all relevant details are captured and relevant persons are notified immediately. Some details if not captured at the time may be lost and can hinder any follow up investigations.

All accidents and incidents should always be reported to your Line Manager immediately, and if they happen out of hours to the Bridgeway On-Call Manager who can complete the AIR form.

Key details to be captured are:

- Time and date of accident or incident.
- Nature of event and location.
- Name of person involved and witnesses.
- Other relevant details e.g. photos, weather, lighting etc.
- Details of any medical attention sought, medication given and whether injured person hospitalised/discharged.
- Injured person aftercare requirements.
- Drugs & alcohol testing requirements.
- Worksite continuity process - has the site been made safe and replacement staff names.



**IT IS YOUR RESPONSIBILITY TO REPORT ALL ACCIDENTS, INCIDENTS AND NEAR MISSES.**

## 2 When to Contact the Bridgeway On-Call Manager

The 24/7 Bridgeway On-Call Manager system is staffed by Bridgeway Directors, Managers and Trainers on a rota basis in addition to their day-to-day jobs. It is there to provide staff with essential support and advice.

There have been occasions where the On-Call Manager has received calls which were not urgent or were not necessary if staff had made the proper preparations prior to start of their shift e.g.:

- Left paperwork in the office.
- Vehicle or equipment not allocated/correct or working properly.
- Not checking whether it's the right service station before refuelling.
- Not checking paperwork for vehicle recovery service telephone numbers when having vehicle problems.

Before calling the On-Call Manager:

- Have you taken all reasonable steps to resolve the problem yourself?
- Can the call wait until normal office hours? For non-urgent matters you can email details of the event to the On-Call Manager at [OnCallManagers@bridgeway-consulting.co.uk](mailto:OnCallManagers@bridgeway-consulting.co.uk) so that the matter can be logged.

**Some events are urgent and necessitate a call to the On-Call Manager as soon as it is safe for you to do so, e.g.:**

- Medical emergencies.
- Possession/Isolation irregularities
- Work related accidents and incidents.
- Road traffic accidents involving staff whilst on Bridgeway duties.
- Drug and alcohol screening.
- Criminal trespass.
- Vandalism / Theft of equipment and vehicle.
- Threat to staff safety.
- Unplanned works.



**THE ON-CALL MANAGER IS NOT A MEANS TO OPT OUT FROM MAKING DECISIONS.**

## 3 Stay Safe and Fit for Work This Summer

Warmer days and longer daylight hours this summer will mean staying outside in the sun longer, enjoying a barbecue or even having a few drinks with friends while watching the World Cup.

Here are some essential tips to help keep you safe:

- Keep tabs the amount of alcohol you consume. Don't drive if you are drinking and if you are working the next day, make sure you limit your intake. It could still be in your system, even if you feel fresh.

- Your body need plenty of fluids to be able to function properly. Drink plenty of water and avoid excessive coffee, alcohol or energy drinks as they can cause dehydration.
- Limit your exposure to the sun as much as possible and wear sunscreen or sunblock.
- Ensure that you get non-drowsy medication for hay fever or other allergies and advise your Line Manager and HR well ahead of your next shift.
- Ensure that you get adequate rest before your next shift. Use blackout curtains if necessary and keep your bedroom well ventilated.

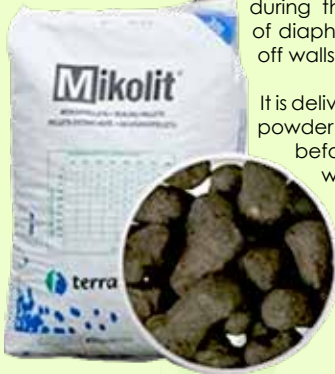
**YOU HAVE A DUTY TO TAKE CARE OF YOUR OWN PERSONAL WELLBEING AND THAT OF OTHERS WHO MAY BE AFFECTED BY YOUR ACTIONS AT WORK.**



## Bentonite

Bentonite is a type of clay that swells and gels when dispersed in water. It acts like a liquid when agitated or stirred and like a solid when left at rest.

As "mud" it is used as a lubricant when drilling or pipe pushing and as "slurry" it is used to fill and support the sides of excavations during the construction of diaphragm walls, cut off walls or piles.



It is delivered to site as a powder or as granules before being mixed with water. The mud or slurry is pumped to where it is being used and then the excess is cleaned up.

Its use can lead to spillage around operational areas and around mixing, pumping and storage equipment. Any incidents where bentonite is seen entering a watercourse, drain or is becoming airborne should be reported immediately.

### Why does this matter?

#### It can cause environmental harm

Liquid Bentonite is highly polluting and if it enters watercourses or drains it can cause damage to plants and animals.

#### You can be prosecuted

If not correctly managed, bentonite in powder form can become airborne causing dust nuisance to local residents leading to legal action by the Local Authority.

#### What you need to do

Keep dry powder or granule containers closed so that bentonite cannot become airborne or be damaged by rain or moisture.

Ensure that Bentonite does not spill onto the ground and ensure there are contingency plans in place to ensure spillages are promptly cleared up.

Protect watercourses and drains from any spillage or escape of liquid Bentonite.

**IMMEDIATELY** report any form of spillages.

Dispose of Bentonite in the proper manner and do not give bentonite away to third parties without the correct approval.

## Ways to Enjoy the Sun Safely Outside of Work

The best way to enjoy the sun safely and protect your skin from sunburn is to use a combination of shade, clothing and sunscreen.

### Shade

One of the best ways to protect your skin from the harmful effects of the sun's UV rays is to spend some time in the shade away from direct sunlight.

### Covering up

Clothing with a close weave that are loose fitting, deeper in colour and covers more skin offers better protection from the sun. Clothing that's dry also provides more protection than if it's wet. This is particularly the case for cotton clothes.

Wide-brimmed hats are great for protecting the whole face and head. A 'legionnaire' style hat that has flaps around the ears and back of the neck also offers good protection.

Wraparound sunglasses offer protection at the side of the eye. Choose sunglasses that display one of the following:

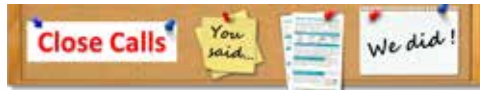
- 'CE Mark' and British Standard.
- UV 400 label.
- 100% UV protection written on the label or sticker.

### Sunscreen

Sunscreens must be used together with shade or clothing to avoid getting too much UV exposure. Use sunscreens with a:

- Sun Protection Factor (SPF) of at least 15 (UVB protection).
- High star rating with at least 4 stars (UVA protection).

Overexposure to UV light from the sun is the main cause of skin cancer. You should never use sunscreen in order to spend longer in the sun. No sunscreen, no matter how high the factor, can provide 100% protection from sun damage.



Change of cable route along cess prevents safe access via Platform 4.  
**Chris Cook**

Site packs amended to use Elverson Road Access. Night Manager advised.

The crossover LR797B Pts and LR797A Pts has been moved further south with a new millage and the old points are scotched and clipped out of used.  
**James Bass**

Reported to Iain Kindness and ODM Derby at Network Rail. Being rectified.

Refuse, litter and scrap at the RRAP access point at Courteenhall  
**Dan MacSweeney**

Reported to Network Rail via Close Call Reporting. Reference: NRB255069. Email received that this has been cleared.

Company mobile phone installed updates whilst awaiting call from PICOP for Item EM011 to place protection  
**Gary Chambers**

Updates installed and PICOP advised. Mobile phone update times reset by IT.

Damaged lineside steps leading from track to an REB  
**Mateusz Lawynowicz**

Reported to Network Rail Close Call Reporting Reference: NRB249311. Update received 18/04/2018 that this has been added to Network Rail work bank for imminent resolution.

Fire exit in Airlock blocked by Surveyors equipment.  
**Stephen Lochhead**

Equipment moved and email sent out to remind all staff not to block fire exits.

The first aid kit has many items that are out of date and the reset will expire in a few weeks  
**Kieran Phillips**

Changed it with a new first aid kit. BSS has ordered 20 more first aid kits.

## Close Calls of the Month

**March 2018**  
**Daniel Cairns**  
Wales & Marches



both open."

"PSS Pack included access which would have meant accessing onto the main lines which were

**April 2018**  
**James Roberts**  
Site Investigation



"Driving - Report of feeling himself falling asleep at the wheel on the A52."

**May 2018**  
**Marcus Monaghan**  
Wales & Marches



and location do not match actual."

"Pack item 216 Treforest Track Diagram - information provided re lines, mileages

**May 2018**  
**Alex Allcorn**  
Thameslink



Special award for Alex Allcorn for the number of Close Calls reported and quality of issues raised

## Safety First (NOT!!!) Trust me, I'm a professional....



## Alpha Scan - Stand Back and Check

An Alpha scan is about taking a short time (20-30 Seconds) to stand back and survey all that you can see around you, before you enter or start work on site

### Take in the bigger pictures

#### Possible Hazards:

- What direct hazards can you see, such as slippery or uneven surfaces, tripping hazards, open excavations, personnel working near you, unsafe conditions.
- Has anything changed since the site was last visited – Has housekeeping improved? Waste management?
- If you were on site previously, are there any changes to the site, such as weather conditions

or the type of work being undertaken or even different plant.

#### What controls are in place?

- If you note there has been changes to the site conditions check that they have been recorded and staff have been re-briefed.
- Please ensure you have been briefed on the hazards of the site you are to enter.
- The site signage gives clear notification of requirements for PPE for entering the site.
- Exclusion zones around plant, excavations, Hot working only, you must only enter if protected and authorised.



#### Remember if it looks wrong it most likely is!

If you have identified a hazard which you feel could affect you or the people around you MUST report it to our Line Manager or Supervisor who will act upon this.

## Unplanned Works – Don't Take Unnecessary Risks

There have been occasions where Bridgeway staff have been asked to undertake additional tasks that have not been included in the plan, such as placing additional marker boards.

Although we pride ourselves in being flexible and helpful to our clients, we must make sure that we don't take unnecessary risks in our eagerness to help.

- What does your site pack state?
- Has a Work Activity Risk Assessment (WARA) been undertaken and have the additional tasks been authorised? By carrying out the additional tasks there could be perceived additional pressure. This can lead to rushing and to accidents and incidents.
- Advise your Manager or Supervisor or the On-Call Manager if you are unsure. Never assume – always check.

## Safety Culture, Behavioural & Wellbeing Survey 2018

We will be sending out an email to all Bridgeway staff providing a weblink to our 2018 Safety Culture, Behavioural & Wellbeing survey hosted by Survey Monkey.

The survey will help us identify areas for improvement and will cover the following areas:

- Safety.
- Behaviour.
- Wellbeing.
- Safe Driving.

If you are a Bridgeway staff and have not received the email, please contact the Assurance team for the weblink. The survey will be open until midnight on 1<sup>st</sup> July 2018. We will then collate and analyse the results to create an action plan for improving the safety cultures, behaviours and wellbeing within Bridgeway.



Screenshot of Bridgeway's Safety Culture, Behavioural & Wellbeing Survey 2018

## Bridgeway Safety Behaviours and Culture

**(3E)S** = Exceeding Expectations Everywhere Safely



Our Safety Behaviour Charter, (3E)S business ethos and Target Zero Programme sets out what is expected of all Bridgeway Delivery Personnel, Supervisors, Managers and Directors. They demonstrate our belief that outstanding safety performance and outstanding business performance go hand in hand.

### Golden Site Rules



#### I will always:

1. Be fit for work
2. Understand and adhere to the Safe System of Work
3. Stop work if I feel unsafe
4. Report all Close Calls and Near Misses



### Working in the Community Rules

We expect our staff and subcontractors to always behave in a proper manner while working in the community:

- BE RESPECTFUL to the local residents at all times, and avoid any confrontations. DO NOT shout or swear.
- Only park vehicles in designated areas - DO NOT obstruct the public or block access / pathways.
- DO NOT cause ANY inconvenience to the local residents.
  - DO NOT LEAVE vehicles idling or with radios playing.
  - NO smoking or littering around residential premises.
- Whilst on site:
  - Keep worksites tidy. Remove all materials after work is completed.
  - Turn equipment, plant and vehicle engines off WHEN NOT IN USE.

### The Lifesaving Rules

The Lifesaving Rules are for everyone; whether you are office based or work on the front line.

#### Working responsibly



Always be sure the required plans and permits are in place, before you start a job or go on or near the line.



Always use the equipment that is fit for its intended purpose



Never undertake any job unless you have been trained and assessed as competent.



Never work or drive while under the influence of drugs or alcohol.

#### Working with moving equipment



Never enter the agreed exclusion zone, unless directed to by the person in charge.

#### Driving



Never use a hand-held or hands-free phone, or programme any other mobile device, while driving.



Always obey the speed limit and wear a seat belt.

#### Working at height



Always use a safety harness when working at height, unless other protection is in place.

#### Working with electricity



Always test before applying earths or straps.



Never assume equipment is isolated – always test before touch.

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

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

### Bridgeway Consulting Ltd

Bridgeway House, 2 Riverside Way, Nottingham NG2 1DP

- [safety@bridgeway-consulting.co.uk](mailto:safety@bridgeway-consulting.co.uk)
- [closecalls@bridgeway-consulting.co.uk](mailto:closecalls@bridgeway-consulting.co.uk)
- [fleet@bridgeway-consulting.co.uk](mailto:fleet@bridgeway-consulting.co.uk)

**(3E)S** - Exceeding Expectations  
Everywhere **Safely**



### The Driving Lifesaving Rules

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

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

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

## 1 FORS E-Learning: Van Smart Module

Our accreditation to the Fleet Operators Recognition Scheme (FORS) enables us to work on projects within the London area. This scheme may be rolled out all across the UK in the future.

To maintain our accreditation, all staff who hold a driving licence **MUST** undertake an annual eLearning - failure to do so will result in loss of the FORS accreditation and potential inability to work on significant projects within London.

The eLearning can be completed from any computer that has access to the internet. Modules are relatively simple and take approximately 20 minutes. Please follow the instructions below to get yours done as soon as possible!

Go to:

<https://www.fors-online.org.uk/cms/elearning/>

**Username:** firstname.surname@bridgeway-consulting.co.uk  
e.g. joe.bloggs@bridgeway-consulting.co.uk

**Default password:** "Bridgeway1" (case sensitive)  
Please change your password after logging in.

You are required to complete the "Van Smart" module this year. Please note that this will require sound.

Once you have completed the module, you will have the option to print and save your certificate.

Please email your certificate of completion to [fleet@bridgeway-consulting.co.uk](mailto:fleet@bridgeway-consulting.co.uk) for our files.



## 2 Vehicle Security

Unfortunately, vans are a top target for criminals, who break in hoping they'll find expensive items to steal. While it's not possible to prevent damage or theft to your van, there are a number of things you can do to improve security to deter thieves and limit the chance of it being broken into.

- Do not leave your vehicle unlocked and unattended.
- Always keep your vehicle keys with you when you leave the vehicle.
- Park in a busy well-lit area with CCTV whenever possible.

- Keep vehicle windows fully closed and make sure that your vehicle is properly secured.
- Be aware of anyone hanging around when you park.
- Do not keep valuables in your vehicle.
- Never leave anything in plain sight that would attract thieves to the vehicle.
- If you have ladders on your roof rack, make sure you lock them in place using a clamp.
- Empty your van overnight whenever possible.

Remember that if you take a van home with you that the contents will not be insured in most cases.



## 3 Stay Safe - Don't Drink and Drive

Late summer evenings and the World Cup playing could mean having friends around for barbecues and a few drinks.

It is not possible to say how much alcohol you can drink and stay below the limit. The way alcohol affects you depends on:

- Your weight, age, sex and metabolism (the rate your body uses energy).
- The type and amount of alcohol you're drinking.
- What you've eaten recently.
- Your stress levels at the time.

You could be over the legal limit many hours after your last drink, even if it's the 'morning after' and you feel okay.

Sleep, coffee and cold showers don't help to sober you up - time is the only way to get alcohol out of your system

If you are convicted of drink driving, including:

- A minimum 12 month driving ban.
- A criminal record.
- A hefty fine.
- Up to 6 months in prison.

• An endorsement on your licence for 11 years.  
However, this list does not reflect the everyday consequences of being caught drink driving which can include:

- Increase in car insurance costs.
- Job loss.
- Trouble getting in to countries like the USA.
- The shame of having a criminal record.
- Loss of independence.

The Institute of Advanced Motorists calculate that a drink drive conviction could cost between £20,000 - £50,000 as a result of fines, solicitors fees, increase in car insurance and loss of job.

So if you're driving, it's better to have none for the road. Is it worth losing your livelihood over?

Make the right choices and look out for each other - don't let your mates drink and drive.



Never work or drive while under the influence of drugs or alcohol.

