



## **December 2023 ACS Rail Updates**

Welcome to the **December 2023** 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.

We have included on the last page of this newsletter our Bridgeway Calendar for 2024/25 which includes Network Rail Periods and Week Numbers. We hope that you may find this useful.

We would like to wish all our clients a safe Happy Christmas and hopes for a better and prosperous New Year for us all.

The ACS Team

| Content   | Page |
|---|------|
| Free Access to Network Rail Standards   | 2    |
| Changes to Network Rail Standards   | 3    |
| The Network Rail Standards catalogue is currently unavailable but will be available again shortly | 3    |
| Current Emergency Changes   |      |
| Current Technical Instructions  |      |
| RSSB - Standards and the rail industry  | 7    |
| Railway Group Standards (RGSs)  | 7    |
| Rule Book (GE/RT8000)   |      |
| Rule Book App   | 7    |
| GE/RM8000 Master Module Manual  | 7    |
| Controlled Document List 02 December 2023   | 8    |
| Network Rail Safety Central – Information Section   | 21   |
| Code of Conduct   | 21   |
| Network Rail Safety Bulletins   |      |
| Lessons Learnt / Shared Learning  | 21   |
| Health & Wellbeing  | 22   |
| Risk Management   | 22   |
| Resource Library  | 22   |
| SCO 24:7 (Supply Chain – Operations) Telephone  | 22   |
| Emergency   | 22   |
| To report a crime   | 22   |
| HSE Fatigue and Risk Index (FRI) Calculator   | 22   |
| Useful Links  | 23   |
| Other Bulletins   | 25   |
| Track Safety Alliance   | 25   |
| Southern Shield   |      |
| Electrical Safety Step Up   | 25   |
| Drugs and Alcohol standard (supplier page)  | 25   |
| Miscellaneous   | 26   |
| Safety 3-4-3 and Fleet 3-4-3  | 36   |
| Bridgeway Calendar 2024/25  | 37   |

#### **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.





On-Track Plant Operations Scheme

(Trackside)













## **Free Access to Network Rail Standards**

## Free access

to Network Rail's extensive catalogue of standards and controls documentation is now available via the Network Rail Standards Portal

https://standardse-networkrail.msappproxy.net/

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

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

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





## Changes to Network Rail Standards Issue 130: 02<sup>nd</sup> December 2023 – 01<sup>st</sup> March 2024

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

#### Standards Change Overview - December 2023

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

| Reference          | Title   | Issue | Compliance<br>Date          |
|--------------------|---|-------|-----------------------------|
| NR/GN/CIV/003      | Guidance on Engineering and Architectural Assurance of Building and Civil<br>Engineering Works                                      | 2     | N/a                         |
| NR/GN/CIV/100      | Strategic Design Manual   | 6     | N/a                         |
| NR/GN/CIV/200      | Station Design Manual   | 8     | N/a                         |
| NR/L2/CIV/003      | Engineering and Architectural Assurance of Building and Civil Engineering Works   | 8     | 02/03/2024                  |
| NR/L3/CIV/185      | Reporting and Investigation of Geotechnical Incidents   | 5     | 01/04/2024                  |
| NR/L2/CSG/10072    | Special Inspection Notices  | 3     | 02/03/2024                  |
| NR/L3/CTM/306      | Skills Assessment Scheme  | 3     | 02/03/2024                  |
| NR/L2/ELP/21087    | Specification of maintenance frequency and defect prioritisation of Overhead Line Electrification Equipment                         | 11    | 02/03/2024                  |
| NR/L2/ELP/27428    | Product specification for national procurement of OLE components  | 2     | 02/03/2024                  |
| NR/L2/ELP/27715    | Overhead Contact System Design Specification  | 4     | 02/03/2024                  |
| NR/L2/ELP/27716    | Electrical and mechanical clearances on overhead electrified railways   | 1     | 02/03/2024                  |
| NR/L2/SIGELP/50000 | Safe Working and Maintenance on or near Signalling Power Distribution<br>Equipment above 175 V AC                                   | 5     | 03/06/2024                  |
| NR/L3/ELP/21067    | Instructions for making out, issuing and cancelling high voltage Permits to Work, Sanctions for Test and Circuit State Certificates | 7     | 01/09/2025                  |
| NR/L3/ELP/27237    | Overhead Line Work Instructions   | 25    | 02/03/2024                  |
| NR/L3/ELP/SAI25    | Working On or About Overhead Line Equipment (SAI) – (For Early Deployment in North West and Anglia Routes)                          | 2     | 01/09/2025                  |
| NR/L3/SIGELP/50001 | Work Instruction: Signalling Power Distribution Equipment above 175 V AC  | 6     | 03/06/2024                  |
| NR/GN/MTC/089      | Guidance for the exchange of asset data and the continuing maintenance of assets undergoing change                                  | 1     | Withdrawal Date: 01/06/2024 |
| NR/L2/MTC/089      | Arrangements for the exchange of asset data and the continuing maintenance of assets undergoing change                              | 3     | 01/06/2024                  |
| NR/L2/MTC/SE0117   | Planned Assurance Inspections and Site Surveillance   | 5     | 02/03/2024                  |
| NR/L3/MTC/MG0213   | Index of Standard Maintenance Forms   | 20    | 01/06/2024                  |
| NR/L3/MTC/RCS0216  | Task Risk Control Manual  | 28    | 02/03/2024                  |
| NR/L2/OHS/00102    | Work Activity Risk Assessments  | 6     | 02/03/2024                  |
| NR/L3/OPS/045      | National Operating Procedures Index   | 29    | 06/01/2024                  |
| NR/L3/OPS/045      | National Operating Procedures Index   | 30    | 02/03/2024                  |
| NR/L2/P3M/201      | Project Acceleration in a Controlled Environment  | 3     | 02/12/2023                  |
| NR/L2/RMVP/0200    | Infrastructure Plant Manual   | 12    | 02/03/2024                  |
| NR/L3/RMVP/27702   | Plant Product Acceptance Process  | 1     | 02/03/2024                  |
| NR/L2/RSE/CONM/001 | Construction Management for Projects  | 2     | 01/06/2024                  |
| NR/L2/SIG/11201    | Signalling Design Handbook  | 18    | 02/03/2024                  |
| NR/L2/SIG/19820    | Signalling and Level Crossing Product Specifications  | 12    | 02/03/2024                  |
| NR/L2/SIG/30009    | Signalling Principles Handbook  | 27    | 02/03/2024                  |
| NR/L2/SIG/50035    | Competence Standard - Competence and Training in Signal and Level Crossing Engineering  | 7     | 01/06/2024                  |
| NR/L3/SIG/10661    | Signalling Maintenance Task Intervals   | 25    | 02/03/2024                  |
| NR/L3/SIG/10663    | Signal Maintenance Specifications   | 17    | 02/03/2024                  |
| NR/L3/SIG/11231    | Signalling Maintenance Testing Handbook   | 19    | 02/03/2024                  |





| Reference       | Title   | Issue | Compliance<br>Date          |
|-----------------|---|-------|-----------------------------|
| NR/L2/TRK/3038  | Longitudinal Bearer Systems – Inspection, Maintenance and Design          | 8     | 01/06/2024                  |
| NR/L2/TEL/30124 | Specification for the Maintenance of GSM-R Radio BTS, BSC & TCU Equipment | 2     | Withdrawal date: 02/03/2024 |
| NR/L3/TEL/30181 | Telecoms Maintenance Work Instructions Handbook                           | 10    | 02/03/2024                  |
| NR/L3/TRK/3038  | Longitudinal Bearer Systems – Inspection, Maintenance and Design          | 8     | 01/06/2024                  |
| NR/L2/TRK/4239  | Track Bed Investigation, Design and Installation                          | 3     | 02/12/2024                  |
| NR/L3/TRK/003   | Index of Track Engineering Forms  | 45    | 02/03/2024                  |
| NR/L3/XNG/30049 | Ingegneria Dei Sistemi LXOD Handbook                                      | 1     | 02/03/2024                  |





#### **Current Emergency Changes**

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

| Reference   | Title  | Issue | Date       |
|---|--|-------|------------|
| NR/BS/LI/499  | Standard/control document affected: NR/L2/CIV/196 (Issue 1), Standard Specification for New and Upgraded Escalators                                  |       | 01/06/2023 |
| NR/BS/LI/498  | Standard/control document affected: NR/L1/RMVP/0001 (Issue 5), Plant and Traction & Rolling Stock Policy   | 1     | 02/05/2023 |
| NR/BS/LI/496  | Standard/control document affected: NR/L2/OHS/003 (Issue 9), Fatigue Risk Management and associated Modules  | 1     | 03/02/2023 |
| NR/BS/LI/493  | Standard/control document affected: NR/L3/OPS/045/3.32 – Temporary Block Working (TBS) & Emergency Special Working (ESW) – EXPIRES: 30/10/2023       | 1     | 20/10/2022 |
| NR/BS/LI/490  | Standard/control document affected: NR/L3/ELP/27720 Test Before Touch for Overhead Line Equipment  | 1     | 30/09/2022 |
| NR/BS/LI/489  | Standard/control document affected: NR/L3/OPS/045 3.17 Weather Arrangements (Issue 03) – EXPIRED: 01/09/2023   | 1     | 15/09/2022 |
| NR/BS/LI/488  | Standard/control document affected: NR/L2/CTM/014 (Issue 2), Competence & Training in Overhead Line Engineering                                      | 1     | 30/09/2022 |
| NR/BS/LI/484  | Standard/control document affected: NR/L3/ELP/27240 (Issue 11), Distribution Work Instructions – EXPIRED: 02/09/2023                                 | 1     | 14/02/2022 |
| NR/BS/LI/478  | Standard/control document affected: NR/SP/CTM/016 Issue 1, Competency & Training in Fixed Plant Engineering – EXPIRED 04/10/2023                     | 1     | 30/07/2021 |
| NR/BS/LI/442  | Standard/control document affected: NR/L2/TRK/1054 (Issue 5), Inspection of cast, welded and fabricated crossings in the track – EXPIRED: 02/09/2023 | 1     | 25/03/2020 |
| NR/BS/LI/440  | Standard/control document affected: NR/L2/TRK/001 (Issue 15), Inspection and Maintenance of Permanent Way  | 1     | 25/03/2020 |
| NR/BS/LI/383  | Standard affected: NR/L2/CTM/021 (Issue 4). Competence and Training  | 2     | 08/12/2016 |
| NR/BS/LI/371  | Standard affected: NR/L2/CIV/162 (Issue 2). Platform Extensions. Location of metal structures on Third Rail area Station Platforms                   | 1     | 02/03/2016 |
| NR/BS/LI/328 Standard affected: NR/SP/ELP/21104 (ISSUE 2). Design and Installation of Electric Track Equipment for DC Electrified Lines – HISTORIC 02/09/2023 |  | 1     | 28/03/2014 |
| NR/BS/LI/326  | Standard affected: NR/I 2/OHS/050 (Issue 4) Sentinal Scheme Rules - WITHDRAWN  |       | 16/04/2014 |
| NR/BS/LI/305  | Standards Affected: NR/L2/TRK/001 Issue 6. NR/L2/TRK/2102 Issue 6. NR/L2/TRK/3038  |       | 31/01/2014 |
| NR/BS/LI/292  | NR/L3/TRK/1010 (Issue 2). Management of responses to extreme weather conditions at structures. earthworks and other key locations                    | 1     | 18/07/2013 |
| NR/BS/LI/256  | Standard affected: NR/SP/ELP/27243 (Issue 1). Specification for Signalling Power Supplies  | 2     | 24/10/2016 |
| NR/BS/LI/163  | Standard affected: RT/CE/S/130 (Issue 1). Flash-Welded Rails: Site Welded Strings  | 2     | 01/10/2010 |
| NR/BS/LI/154  | Use Of The Geismar THR542 Lightweight Stressing Equipment In Tandem. Standard affected: NR/L2/TRK/3011 (Issue 6)                                     | 1     | 18/01/2010 |
| NR/BS/LI/101  | Standard affected: RT/CE/S/077 Storage. Installation &Testing of TSR &ESR AWS  | 1     | 08/09/2008 |
| NR/BS/LI/060  | Traction electrical distribution sites with compromised earthing due to theft of cables - affected standard NR/SP/ELP/21032                          | 1     | 23/11/2006 |
| NR/BS/LI/047 -<br>E&P   | Bimold Connections on Rectifier Transformers at DC Traction Substations  | 1     | 05/052006  |
| NR/BS/LI/032  | Labelling of Track Isolating Switches (T.I.S)  | 1     | 17/10/2005 |
| NR/BS/LI/028  | Segregation of D.C. Track Feed Cables  | 1     | 22/08/2005 |





#### **Current Technical Instructions**

| Reference                   | Title  | Issue | Date       |
|-----------------------------|--|-------|------------|
| TI 000                      | Index of Technical Instructions Contained in NR/L2/SIG/11120   | 36    | 03/09/2022 |
| TI 022                      | Robust Train Protection: Replacement OSS positioning rules   | 4     | 07/04/2019 |
| TI 059                      | Low Voltage DC Track Circuits & Electric Point Heating   | 1     | 03/03/2007 |
| TI 062                      | DC Track Circuits: Abutting Low-&Medium-Voltage Types  | 1     | 01/04/2007 |
| TI 101                      | Signalling Circuits Carried Over Telecom Transmission Systems - Impact on Train Describer Specifications   | 2     | 10/12/2008 |
| TI 149                      | Intelligent Infrastructure Data Logger – Design, Install and Commission  | 2     | 09/06/2011 |
| TI 157                      | SSP 50 – Remote Control Standby Arrangements GK/RT0025 (GK/GN0525) - Signalling Control Centres  | 1     | 24/02/2011 |
| TI 171                      | Supplementary Point Detection – Recording and Testing  | 1     | 10/08/2012 |
| TI 178                      | Standard/Control document affected: NR/L2/CTM/012 (Issue 3), [Competence and Training in Signal Engineering & NR/L2/CTM/012/044 (Issue 1), [Competence and Training in Signal Engineering SMTH]  | 2     | 15/03/2022 |
| TI 180                      | Standard/control document affected: NR/L3/SIG/10665 Issue 22 and NR/L3/SIG/10661 Issue 23  | 1     | 29/07/2022 |
| TI 181 & TI 181<br>Appendix | Standard/control document affected: NR/L3/SIG/11231 (Issue 18), Signal Maintenance Testing Handbook, NR/SMTH/Part05, Part08 and Part09; NR/L3/SIG/10663 (Issue 16), Signal Maintenance Specifications, NR/SMS/Part/Z/Z01   | 1     | 09/03/2023 |
| TI 182                      | Standard/control document affected: NR/L3/SIG/10663 (Issue 16), Signal Maintenance Specifications NR/SMS/Part C NR/L2/SIG/30014 (Issue 21), Signal Works Testing Handbook NR/L2/SIG/30014/D115, NR/GN/SIG/19047 (Issue 3), SIGTAN047 - Points (General) – EXPIRED 26/08/2023 | 2     | 26/05/2023 |
| TI 184                      | Standard/control document affected: NR/L2/SIG/11201 Module X39 (Issue 2); NR/L3/SIG/10661 (Issue 23); NR/L3/SIG/10663 (Issue 16); NR/SMS/PARTC/LC71 (Issue 4)  | 1     | 04/09/2023 |





## **RSSB** - Standards and the rail industry

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

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

#### Useful links:

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

#### Railway Group Standards (RGSs)

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

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

#### Rule Book (GE/RT8000)

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

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

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

#### **Rule Book App**

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

#### **Rule Book Briefing Leaflet**

GERT8000-RBBL Iss 39.1

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

#### **GE/RM8000 Master Module Manual**

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

Rule Book Module Matrix: https://www.rssb.co.uk/-

/media/Project/RSSB/RssbWebsite/Documents/Public/Public-content/Using-

Standards/Rule-Book-Module-Matrix.xls

GERM8000-master-module Iss 13.1







## **Controlled Document List 02 December 2023**

#### Key

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

| RAIL MANAGEMENT SYSTEM |             |            |
|------------------------|-------------|------------|
| Ref. / Title           | Issue<br>No | Issue Date |
| Rail Management System |             |            |

| GROUP STANDARDS Website: <a href="http://www.rssb.co.uk/railway-group-standards">http://www.rssb.co.uk/railway-group-standards</a> |             |            |
|--|-------------|------------|
| Ref. / Title   | Issue<br>No | Issue Date |
| Modular Rulebook GE/RT8000/ (See separate page for listed modules and issue dates)   |             |            |
| GERM8000 Possession Workers Manual   | 8.1         | 12/2022    |
| GERM8000 Possession Workers Manual   | 9           | 09/2023    |
| GERM8000 Possession Workers Manual   | 9           | 11/2023    |
| GERM8000 Track Workers Manual  | 11.1        | 12/2022    |
| GERM8000 Track Workers Manual  | 12          | 09/2023    |
| GERM8000-master-module Master Module Manual  | 12.2        | 03/2023    |
| GERM8000-master-module Master Manual   | 13          | 09/2023    |
| GERM8000-master-module Master Manual   | 13.1        | 11/2023    |
| <b>GEGN8575</b> Guidance Note on the Management of Electrical Risk Related to Operational Tasks on Electrified Lines               | 1           | 12/2021    |
| GEGN8613 Application of human factors within safety management systems   | 1           | 03/2021    |
| GLRT1210 AC Energy Subsystem and Interfaces to Rolling Stock Subsystem   | 3           | 12/2022    |
| GLRT1212 DC Conductor Rail Energy Subsystem and Interfaces to Rolling Stock Subsystem  | 1           | 09/2015    |
| GOGN3655 Guidance on Medical Fitness for Railway Safety Critical Workers   | 2           | 06/2014    |
| GOGN3616 Guidance on Operational Railway Safety Awareness  | 1           | 06/2023    |
| RIS-1530-PLT Rail Industry Standard - On-Track Plant, Trolleys and Associated Equipment  | 7           | 09/2023    |
| RIS-2750-RST Supplier Assurancerail  | 1.1         | 12/2021    |
| RIS-3118-TOM Incident Response Planning & Management   | 2           | 12/2019    |
| RIS-3119-TOM Accident and Incident Investigation   | 3           | 03/2022    |
| RIS-3279-TOM High Visibility Clothing  | 2           | 09/2019    |
| RIS-3701-TOM Confidential Reporting System for Rail Staff  | 2.1         | 12/2019    |
| RIS-8046-TOM Spoken Safety Critical Communications   | 2           | 12/2016    |
| RIS-8047-TOM Reporting of Safety Related Information   | 2           | 03/2018    |
| RIS-8070-TOM Drugs and alcohol testing for safety-critical workers   | 2           | 03/2022    |

| LONDON UNDERGROUND (LU) STANDARDS  |             |            |
|--|-------------|------------|
| Ref. / Title   | Issue<br>No | Issue Date |
| LUL G1163 Stations DLO - Failure Reporting Analysis & Corrective Action System (FRACAS)  | A2          | 11/2015    |
| LUL G1164 Making a Referral to the Drug and Alcohol Advisory and Treatment Service DAATS | А3          | 09/2019    |
| LUL G1234 Incident recording, investigation and reporting                                | A5          | 05/2021    |
| LUL G1241 Alcohol and Drugs at Work Guidelines and Information For Managers              | 6           | 07/2009    |
| LUL G1242 Alcohol and Drugs at Work – Managers For Cause and Post Incident Check List    | A4          | 04/2020    |
| LUL G1249 Environmental Incident Categories  | A5          | 07/2018    |
| LUL G2020 Wuhan novel coronavirus  | A1          | 01/2020    |
| LUL G557 Electronic Incident Reporting Form (eIRF)                                       | A5          | 03/2014    |





| LONDON UNDERGROUND (LU) STANDARDS   |             |            |
|---|-------------|------------|
| Ref. / Title  | Issue<br>No | Issue Date |
| LUL LF29 Incident investigation & reporting or recording What you need to remember  | 01          | n/a        |
| LUL R0350 Guidance and advice for the use of personal protective equipment  | A1          | 01/2014    |
| LUL R0403 Personal Protective Equipment (PPE) catalogue   | 1.1         | 01/2014    |
| LUL S1053 Civil Engineering – Building and Station Structures   | A15         | 01/2023    |
| LUL S1061 Civil Engineering – Bridges and Structures Assessment   | A7          | 01/2023    |
| LUL S1251 Alcohol and Work; includes Written Notice 12/24/2014, 6/16/2015   | A2          | 11/2011    |
| LUL S1257 Drugs and Work; Includes Written Notice 01317: 12/24/2014   | A2          | 11/2011    |
| LUL S1538 Assurance   | A17         | 08/2022    |
| LUL S1548 Safety Critical Work  | A7          | 09/2021    |
| <b>LUL S1552</b> Contract QUENSH Conditions Incorporating written notice: 05/10/2017, 05/02/2019, 16/03/2022              | A18         | 11/2016    |
| LUL S1601 Management Arrangements to Assure Medical Fitness   | A6          | 12/2022    |
| LUL S1602 Corporate Medical Standard for Personnel Requiring Safety on the Track Certification                            | A12         | 11/2022    |
| LUL S1603 Audiometric standard for personnel requiring safety on the track certification                                  | A8          | 10/2022    |
| LUL S1604 Vision standard for personnel requiring safety on the Track Certification                                       | A10         | 12/2022    |
| <b>LUL S1605</b> Providers of Medical Assessment for Track Certification and other Safety Critical Certification Purposes | A5          | 10/2022    |
| LUL S1801 Competence requirements for undertaking Civil Engineering Safety Critical Work                                  | A2          | 03/2022    |

| NETWORK RAIL STANDARDS  |             |            |
|---|-------------|------------|
| Ref. / Title  | Issue<br>No | Issue Date |
| NR/CAT/STP/001 Catalogue of Network Rail Standards  | 130         | 12/2023    |
|   |             |            |
| PTS Handbook RT 3170  | 10          | 11/2020    |
|   |             |            |
| NR/L2/AMG/1030 Working Safely in the Vicinity of Buried Services  | 1           | 12/2008    |
|   |             |            |
| NR/GN/CIV/003 Guidance on Engineering and Architectural Assurance of Building and Civil Engineering Works         | 1           | 12/2021    |
| NR/GN/CIV/003 Guidance on Engineering and Architectural Assurance of Building and Civil Engineering Works         | 2           | 12/2023    |
| NR/GN/CIV/065 Examination of Earthworks Guidance Manual   | 2           | 09/2022    |
| NR/GN/CIV/208 Ground Investigation  | 1           | 12/2018    |
| NR/L1/CIV/601 Managing the Highways Interface   | 1           | 12/2021    |
| NR/L2/CIV/003 Engineering and Architectural Assurance of Building and Civil Engineering Works                     | 7           | 12/2021    |
| NR/L2/CIV/003 Engineering and Architectural Assurance of Building and Civil Engineering Works                     | 8           | 12/2023    |
| NR/L2/CIV/032 The Management of Structures Manual   | 1           | 12/2021    |
| NR/L2/CIV/035 Management of Structures  | 2           | 06/2019    |
| NR/L2/CIV/039 Assessment and Certification of Protective Coatings Replaces:  NR/L3/CIV/039 Issue 5                | 1           | 06/2023    |
| NR/L2/CIV/076 Management of Bridge Strikes<br>Replaces NR/L3/CIV/076 Issue 4 and NR/L3/CIV/176 Issue 4            | 1           | 03/2023    |
| NR/L2/CIV/086 Management of Earthworks  | 11          | 12/2021    |
| NR/L2/CIV/1000 Competence Management for Buildings and Civils Infrastructure                                      | 1           | 09/2022    |
| NR/L2/CIV/171 Examinations, Inspections and Assessments of Buildings & Architecture Assets: Structures and Fabric | 3           | 09/2022    |
| NR/L2/CIV/250 Landlord's Consent  | 1           | 03/2020    |
| NR/L2/CIV/295 Scour Assessment of Bridges, Culverts and Retaining Walls   | 3           | 09/2023    |
| NR/L2/CIV/602 Highways Interface Planning Process   | 1           | 12/2021    |





| NETWORK RAIL STANDARDS   |       | Assurance and Compliance Services |
|--|-------|-----------------------------------|
|  | Issue |                                   |
| Ref. / Title   | No    | Issue Date                        |
| NR/L2/CIV/1000 Competence Management for Buildings and Civils Infrastructure   | 2     | 09/2023                           |
| NR/L3/CIV/0001 Management of Road Vehicle Incursions (RVI)   | 3     | 12/2022                           |
| NR/L3/CIV/006 Structures, Tunnels and Occupational Property Examinations   | 11    | 03/2023                           |
| NR/L3/CIV/0063 Pilling, Drilling, Crane, MEWP and SMPT operations adjacent to the Railway  | 1     | 12/2021                           |
| NR/L3/CIV/040 Work Instruction for the use of Protective Coating Systems   | 3     | 06/2023                           |
| NR/L3/CIV/170 Assessment of Tunnels  | 2     | 12/2021                           |
| NR/L3/CIV/185 Management of Reports of Safety Related Geotechnical Incidents   | 4     | 09/2023                           |
| NR/L3/CIV/185 Reporting and Investigation of Geotechnical Incidents  | 5     | 12/2023                           |
| NR/L3/CIV/190 Developing Extreme Weather Plans   | 1     | 12/2017                           |
| NR/L3/CIV/603 Working at the Highways Interface  | 1     | 12/2021                           |
| NR/L3/CIV/604 Highways Interface Manual  | 1     | 12/2021                           |
|  |       |                                   |
| NR/GN/CPR/401 Guidance on Contractual Health and Safety Requirements   | 1     | 12/2008                           |
| NR/L2/CPR/201 Supplier Qualification   | 2     | 12/2011                           |
| NR/L2/CPR/302 Supplier Qualification - Core Requirements (For PCL / POL Holders)   | 2     | 09/2011                           |
|  |       |                                   |
| NR/L2/CSG/STP001 Standards and Controls Management Manual  | 8     | 06/2020                           |
|  |       |                                   |
| NR/CS/CTM/001 Competence Management  | 1     | 12/2006                           |
| NR/L2/CTM/017 Competence and Training in Civil Engineering   | 1     | 06/2006                           |
| NR/L2/CTM/021 Competence & Training in Track Safety  | 4     | 12/2010                           |
| NR/L2/CTM/025 Competence & Training in On-Track Plant Operation & Activities   | 2     | 03/2021                           |
| NR/L2/CTM/201 Competence Management  | 2     | 03/2012                           |
| NR/L2/CTM/202 Quality Assurance in Training & Assessment   | 3     | 12/2019                           |
| NR/L2/CTM/209 Competence & Training in Safe System of Work Planner   | 1     | 12/2010                           |
| NR/L2/CTM/220 Competence & Training in Portable, Transportable & Mobile Plant (PTMP)   | 2     | 06/2021                           |
| Operation & Activities  NR/L2/CTM/223 Competence & Training in Managing Site Safety  | 1     | 06/2011                           |
| NR/L3/CTM/306 Skills Assessment Scheme   | 3     | 12/2023                           |
| THE LOT CITY SUC SKIIS ASSESSMENT SCHEME   | 3     | 12/2023                           |
| NR/L2/ELP/21085 Earthing and Bonding on A.C. Electrified Railways  | 6     | 09/2022                           |
| NR/L2/ELP/21003 Earthing and Boliding of A.C. Electrical Railways  NR/L2/ELP/21087 Specification of Maintenance Frequency and Defect Prioritisation of |       |                                   |
| Overhead Line Electrification Equipment  | 10    | 06/2023                           |
| NR/L2/ELP/21087 Specification of Maintenance Frequency and Defect Prioritisation of Overhead Line Electrification Equipment                            | 11    | 12/2023                           |
| NR/L2/ELP/21088 General Maintenance Parameters for Overhead Line Electrification<br>Equipment  | 4     | 06/2021                           |
| NR/L2/ELP/21090 OLE Seasonal Preparation Response for Extreme Weather  | 1     | 12/2020                           |
| NR/L2/ELP/21131 Warning and Other Signs for A.C. and D.C. Electrified Lines  | 4     | 03/2023                           |
| NR/L2/ELP/23002 Specification for High Voltage AC Cables, AC Traction Earthing and Bonding   |       |                                   |
| Cables DC Traction Cables, Pilot Cables and Associated Accessories   | 1     | 12/2020                           |
| NR/L2/ELP/27009 Overhead Line Equipment Campaign Changes   | 3     | 03/2017                           |
| NR/L2/ELP/27023 Conductor Rail Heating Standard  | 1     | 12/2020                           |
| NR/L2/ELP/27172 Conductor Rail Guard Boarding  | 1     | 06/2021                           |
| NR/L2/ELP/27307 Management of M&EE Safety Related Event Reports  | 4     | 12/2017                           |
| NR/L2/ELP/27402 Specification for protection and control devices for electrical  | 1     | 12/2009                           |
| systems  |       | -                                 |
| NR/L2/ELP/27715 Overhead Contact System Design Specification   | 3     | 09/2018                           |
| NR/L2/ELP/27715 Overhead Contact System Design Specification   | 4     | 12/2023                           |





| Ref. / Title   | Consulting  | Limited | Assurance and Compliance Service |
|--|---|---------|----------------------------------|
| No   | NETWORK RAIL STANDARDS  | Tecue   |                                  |
| 1  | Ref. / Title  |         | Issue Date                       |
| NR/L2/ELP/27712 Protection Principles for A.C. Electrified   1   03/2023   |   | 1       | 12/2023                          |
| NR/L2/ELP/27722 Protection Principles for A.C. Electrified Railways  NR/L2/ELP/27800 Specification for 25 kV a.c. Earthing  Pantographs and Interface with Vehicle (On Track Plant or Road Rail Vehicles)  NR/L2/ELP/CTM033 Competence and training in OLE electrical safety  NR/L2/ELP/CTM033 Competence and training in OLE electrical safety  NR/L3/ELP/21067 Instructions for Making out Issuing and Cancelling High Voltage Permits to Work, Sanctions for Test and Circuit State Certificates  NR/L3/ELP/21067 Instructions for making out, issuing and cancelling high voltage Permits to Work, Sanctions for Test and Circuit State Certificates  NR/L3/ELP/21067 Instructions for making out, issuing and cancelling high voltage Permits to Work, Sanctions for Test and Circuit State Certificates  NR/L3/ELP/21067 Instructions for Loc. Electrified Lines in the Uverpool Area  NR/L3/ELP/22001 Procedures and Competence Requirements for Persons Undertaking Works National Procedures and Competence Requirements for Persons Undertaking Works National State Certificates  NR/L3/ELP/22001 Working Instructions for D.C. Electrified Lines in the Uverpool Area  NR/L3/ELP/22002 Working Instructions for D.C. Electrified Lines on the Northern City Line  NR/L3/ELP/22115 Arrangements for Isolation of the Conductor Rail Fore-Planned  Possessions of the Line  NR/L3/ELP/22115 Rectrical Insulating Glows - Replaces NR/WI/ELP/27171  3 06/2021  NR/L3/ELP/22230 Conductor Rail Equipment Design and Maintenance Working Instructions  NR/L3/ELP/22230 Conductor Rail Equipment Design and Maintenance Working Instructions  NR/L3/ELP/22230 Toschead Line Work Instructions  NR/L3/ELP/22230 Conductor Rail Equipment Design and Maintenance Working Instructions  NR/L3/ELP/22230 Issue 2  NR/SP/ELP/21104 Issue 2  NR/L3/ELP/22230 Issue 2  NR/L3/ELP/22230 Issue 2  NR/L3/ELP/2230 Issue 2  NR/L3/ELP/2230 Issue 2  NR/L3/ELP/2300 In CElectrified Lines Working Instructions  NR/L3/ELP/2300 In CElectrified Lines Working Instructions  NR/L3/ELP/2300 In CElectrified Lines Working Instructions | <del></del>   |         |                                  |
| Railways  NR/L2/ELP/27800 Specification for 25 kV a.c. Earthing Pantographs and Interface with Vehicle (On Track Plant or Road Rail Vehicles)  NR/L2/ELP/CTM033 Competence and training in OLE electrical safety  NR/L3/ELP/21067 Instructions for Making out Issuing and Cancelling High Voltage Permits to Work, Sanctions for Test and circuit State Certificates  NR/L3/ELP/21067 Instructions for making out, issuing and cancelling high voltage Permits to Work, Sanctions for Test and circuit State Certificates  NR/L3/ELP/21067 Instructions for making out, issuing and cancelling high voltage Permits to Work, Sanctions for Test and circuit State Certificates  NR/L3/ELP/22001 Procedures and Competence Requirements for Persons Undertaking Works Near High Voltage Cables and Cable Routes  NR/L3/ELP/22015 Working Instructions for d. Electrified Lines in the Liverpool Area  6 09/2019  NR/L3/ELP/27051 Working Instructions for D.C. Electrified Lines on the Northern City Line  8 03/2023  NR/L3/ELP/27115 Arrangements for Isolation of the Conductor Rail for Pre-Planned  90/2018  NR/L3/ELP/27115 Plactrical Insulating Gloves - Replaces NR/WI/ELP/27171  3 06/2021  NR/L3/ELP/27237 Overhead Line Work Instructions  NR/L3/ELP/27233 Overhead Line Work Instructions  NR/L3/ELP/27230 Conductor Rail Equipment Design and Maintenance Working Instructions  NR/L3/ELP/27270 Test Before Touch for Overhead Line Equipment  1 09/2022  NR/L3/ELP/27270 Test Before Touch for Overhead Line Equipment  1 09/2022  NR/L3/ELP/27270 Test Before Touch for Overhead Line Equipment  1 09/2022  NR/L3/ELP/27373 Overhead Line Work Instructions  5 09/2033  NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI)  NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI)  1 06/2023  NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI)  NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI |   | 1       | 03/2023                          |
| NR/L2/ELP/27800 Specification for 25 kV a.c. Earthing Pantographs and Interface with Vehicle (On Track Plant or Road Rail Vehicles)  NR/L2/ELP/CTM033 Competence and training in OLE electrical Safety  NR/L3/ELP/21067 Instructions for Making out Issuing and Cancelling High Voltage Permits to Work, Sanctions for Test and Circuit State Certificates  NR/L3/ELP/21067 Instructions for making out issuing and cancelling High Voltage Permits to Work, Sanctions for Test and Circuit State Certificates  NR/L3/ELP/22001 Procedures and Competence Requirements for Persons Undertaking Works Nar High Voltage Cobles and Cale Routes  NR/L3/ELP/22051 Working Instructions for d.c. Electrified Lines in the Liverpool Area  6 09/2019  NR/L3/ELP/27151 Arrangements for Isolation of the Conductor Rail for Pre-Planned Possessions of the Line  7 09/2018  NR/L3/ELP/27140 Application of Short Circuits for Conductor Rail Isolations  1 09/2018  NR/L3/ELP/27140 Application of Short Circuits for Conductor Rail Isolations  1 09/2021  NR/L3/ELP/27237 Overhead Line Work Instructions  NR/L3/ELP/27237 Overhead Line Work Instructions  NR/L3/ELP/27237 Overhead Line Work Instructions  NR/L3/ELP/27230 Conductor Rail Equipment Design and Maintenance Working Instructions  NR/L3/ELP/27250 Issue 6  NR/SP/ELP/21104 Issue 2  NR/GM/ELP/27020 Issue 2  NR/GM/ELP/27020 Issue 2  NR/GM/ELP/27020 Issue 2  NR/L3/ELP/272730 Total Reform Touch for Overhead Line Equipment  1 09/2022  NR/L3/ELP/272730 Total Reform Touch for Overhead Line Equipment  1 09/2022  NR/L3/ELP/272730 Total Reform Touch for Overhead Line Equipment  NR/L3/ELP/27091 DC Electrified Lines Working Instructions  5 09/2019  NR/L3/ELP/SA125 Working On or About 25 KV AC Electrified Lines  9 06/2023  NR/L3/ELP/SA125 Working On or About 25 KV AC Electrified Lines  9 06/2023  NR/L3/ELP/SA125 Working On or About 5 KV AC Electrified Lines  9 06/2023  NR/L3/ELP/SA125 Working On or About Deveload Line Equipment (SA1)  1 06/2023  NR/L3/ELP/SA125 Working On or About Deveload Line Equipment (SA1)  1 06/2023  NR/L3/EL | •   | 1       | 03/2023                          |
| Pantographs and Interface with Vehicle (On Track Plant or Road Rail Vehicles)  NR/L2/ELP/CTM033 Competence and training in OLE electrical safety  NR/L2/ELP/21067 Instructions for Making out Issuing and Cancelling High Voltage Permits to Work, Sanctions for Test and Circuit State Certificates  NR/L3/ELP/21067 Instructions for making out, Issuing and cancelling high voltage  Romits to Work, Sanctions for Test and Circuit State Certificates  NR/L3/ELP/21067 Instructions for making out, Issuing and cancelling high voltage  Romits to Work, Sanctions for Test and Circuit State Certificates  NR/L3/ELP/22001 Procedures and Competence Requirements for Persons Undertaking Works  NR/L3/ELP/22015 Invoking Instructions for d.c. Electrified Lines in the Liverpool Area  6 09/2019  NR/L3/ELP/27051 Working Instructions for D.C. Electrified Lines in the Liverpool Area  6 09/2019  NR/L3/ELP/27052 Working Instructions for D.C. Electrified Lines on the Northern City Line  8 03/2023  NR/L3/ELP/27115 Arrangements for Isolation of the Conductor Rail for Pre-Planned  90/2018  NR/L3/ELP/27115 Proceed on Short Circuits for Conductor Rail Isolations  4 09/2018  NR/L3/ELP/27171 Electrical Insulating Gloves - Replaces NR/WI/ELP/27171  3 06/2021  NR/L3/ELP/27237 Overhead Line Work Instructions  10/Electrical Insulating Gloves - Replaces NR/WI/ELP/27171  NR/L3/ELP/27237 Overhead Line Work Instructions  10/Electrical Insulating Gloves - Replaces NR/WI/ELP/27210  NR/L3/ELP/27250 Conductor Rail Equipment Design and Maintenance Working Instructions  NR/L3/ELP/27250 Issue 6  NR/SP/ELP/27019 Issue 2  NR/L3/ELP/27250 Teste Before Touch for Overhead Line Equipment  1 09/2022  NR/L3/ELP/272987 Working on or About Overhead Line Equipment  1 09/2022  NR/L3/ELP/27315 Working On or About Overhead Line Equipment (SAI)  NR/L3/ELP/2015 Working On or About Overhead Line Equipment (SAI)  NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI)  NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI)  NR/L3/ELP/SAI25 Working On or About Overh | ·   |         |                                  |
| Rail Vehicles)  NR/L2/ELP/CTM033 Competence and training in OLE electrical safety  NR/L3/ELP/21067 Instructions for Making out Issuing and Cancelling High Voltage Permits to Work, Sanctions for Test and Circuit State Certificates  NR/L3/ELP/21067 Instructions for making out, issuing and cancelling high voltage Permits to Work, Sanctions for Test and Circuit State Certificates  NR/L3/ELP/22001 Procedures and Competence Requirements for Persons Undertaking Works  Permits to Work, Sanctions for Test and Circuit State Certificates  NR/L3/ELP/22001 Procedures and Competence Requirements for Persons Undertaking Works  Permits to Work, Sanctions for Test and Circuit State Certificates  NR/L3/ELP/27051 Working Instructions for D.C. Electrified Lines in the Liverpool Area  NR/L3/ELP/27052 Working Instructions for D.C. Electrified Lines on the Northern City Line  NR/L3/ELP/271315 Arrangements for Isolation of the Conductor Rail for Pre-Planned  4 09/2018  NR/L3/ELP/27131 Arrangements for Isolation of the Conductor Rail Isolations  4 03/2019  NR/L3/ELP/27131 Electrical Insulating Gloves - Replaces NR/WI/ELP/27111  3 06/2021  NR/L3/ELP/27137 Overhead Line Work Instructions  10 12/2023  NR/L3/ELP/27237 Overhead Line Work Instructions  11 NR/L3/ELP/27230 Conductor Rail Equipment Design and Maintenance Working Instructions  12 NR/L3/ELP/27250 Conductor Rail Equipment Design and Maintenance Working Instructions  12 NR/L3/ELP/27101 Issue 2  12 NR/CN/ELP/27018 Issue 2  13 NR/L3/ELP/27101 Issue 2  14 NR/CN/ELP/27019 Issue 2  15 NR/L3/ELP/27101 Issue 2  16 NR/L3/ELP/27101 Issue 2  17 06/2023  NR/L3/ELP/27101 Issue 2  18 NR/L3/ELP/27101 Issue 2  18 NR/L3/ELP/27101 Issue 2  19 NR/L3/ELP/27101 Issue 2  10 NR/L3/ELP/27101 Issue 2  10 NR/L3/ELP/27101 Issue 2  10 NR/L3/ELP/27101 Issue 2  11 09/2022  NR/L3/ELP/27101 Issue 2  12 06/2023  NR/L3/ELP/SAL25 Working On or About Overhead Line Equipment  10 09/2023  NR/L3/ELP/SAL25 Working On or About Overhead Line Equipment  NR/L2/ENV/115 Environment and Social Minimum Requirements for Projects |   | 1       | 12/2020                          |
| Safety  NR/L3/ELP/21067 Instructions for Making out Issuing and  Cancelling High Voltage Permits to Work, Sanctions for Test and  Circuit State Certificates  NR/L3/ELP/21067 Instructions for making out, issuing and cancelling high voltage  Permits to Work, Sanctions for Test and Circuit State Certificates  NR/L3/ELP/22001 Procedures and Competence Requirements for Persons Undertaking Works  NR/L3/ELP/22001 Procedures and Competence Requirements for Persons Undertaking Works  NR/L3/ELP/27051 Working Instructions for o.C. Electrified Lines in the Liverpool Area  NR/L3/ELP/27051 Working Instructions for D.C. Electrified Lines in the Liverpool Area  NR/L3/ELP/27051 Working Instructions for D.C. Electrified Lines on the Northern City Line  NR/L3/ELP/27145 Arrangements for Isolation of the Conductor Rail for Pre-Planned  4 09/2018  NR/L3/ELP/27140 Application of Short Circuits for Conductor Rail Isolations  4 03/2019  NR/L3/ELP/27141 Electrical Insulating Gloves - Replaces NR/WI/ELP/27111  3 06/2021  NR/L3/ELP/27237 Overhead Line Work Instructions  24 06/2023  NR/L3/ELP/27237 Overhead Line Work Instructions  NR/L3/ELP/27237 Overhead Line Work Instructions  NR/L3/ELP/27230 Conductor Rail Equipment Design and Maintenance Working Instructions  Replaces:  NR/L3/ELP/27250 Issue 6  NR/S/P(ELP/21104 Issue 2  NR/CM/ELP/27102 Issue 2  NR/CM/ELP/27020 Issue 2  NR/CM/ELP/27020 Issue 2  NR/CM/ELP/27020 Issue 2  NR/L3/ELP/27309 Total Before Touch for Overhead Line Equipment  1 09/2022  NR/L3/ELP/29987 Working on or About Overhead Line Equipment (SAI)  RR/L3/ELP/SA125 Working on or About Overhead Line Equipment (SAI)  RR/L3/ELP/SA125 Working on or About Overhead Line Equipment (SAI)  RR/L3/ELP/SA125 Working on or About Overhead Line Equipment (SAI)  RR/L3/ELP/SA125 Working on or About Overhead Line Equipment (SAI)  RR/L3/ELP/SA125 Working on or About Overhead Line Equipment (SAI)  RR/L2/ENV/125 Environment and Social Minimum Requirements for Projects – Design and 06/2023  NR/L3/ELP/SA125 Working on or About Overhead Line Equipment | Rail Vehicles)  |         | ·                                |
| NR/L3/ELP/21067 Instructions for Making out Issuing and Cancelling High Voltage Permits to Work, Sanctions for Test and Circuit State Certificates NR/L3/ELP/21067 Instructions for making out, issuing and cancelling high voltage Permits to Work, Sanctions for Test and Circuit State Certificates NR/L3/ELP/22001 Procedures and Competence Requirements for Persons Undertaking Works Parmits to Work, Sanctions for Test and Circuit State Certificates NR/L3/ELP/27051 Working Instructions for Jc. Electrified Lines in the Liverpool Area NR/L3/ELP/27052 Working Instructions for Jc. Electrified Lines on the Northern City Line NR/L3/ELP/27151 Arrangements for Isolation of the Conductor Rail for Pre-Planned Possessions of the Line NR/L3/ELP/27154 Polication of Short Circuits for Conductor Rail For Pre-Planned Possessions of the Line NR/L3/ELP/271754 Plectrical Insulating Gloves - Replaces NR/WI/ELP/27171  3 06/2021 NR/L3/ELP/271754 Department Line Work Instructions 24 06/2023 NR/L3/ELP/27237 Overhead Line Work Instructions 25 12/2023 NR/L3/ELP/27237 Overhead Line Work Instructions NR/L3/ELP/27230 Isoure 6 NR/L3/ELP/27250 Conductor Rail Equipment Design and Maintenance Working Instructions Replaces: NR/L3/ELP/27250 Isoure 6 NR/L3/ELP/27219 Issue 2 NR/L3/ELP/27298 Working on or About Verhead Line Equipment 1 09/2022 NR/L3/ELP/3091 DC Electrified Lines Working Instructions 5 09/2019 NR/L3/ELP/3015 Environment and Social Minimum Requirements for Projects - Design and Construction NR/L3/ELP/3015 Environment and Social Minimum Requirements for Projects - Design and Construction NR/L2/ENV/12 Benvironment and Social Minimum Requirements for Projects - Design and Construction NR/L2/ENV/12 Benvironment and Social Minimum Requirements for Projects - Design and Construction NR/L2/ENV/12 Benvironment and Social Minimum Requirements for Projects - Design and Construction NR/L2/ENV/12 Benvironment and Social Minimum Requirements for Projects - De | NR/L2/ELP/CTM033 Competence and training in OLE electrical  | 1       | 00/2022                          |
| Cancelling High Voltage Permits to Work, Sanctions for Test and Circuit State Certificates  NR/L3/ELP/21067 Instructions for making out, issuing and cancelling high voltage Permits to Work, Sanctions for Test and Circuit State Certificates  NR/L3/ELP/22001 Procedures and Competence Requirements for Persons Undertaking Works leave High Voltage Cables and Cable Routes  NR/L3/ELP/27051 Working Instructions for D.C. Electrified Lines in the Liverpool Area  6 09/2019  NR/L3/ELP/27052 Working Instructions for D.C. Electrified Lines in the Liverpool Area  6 09/2019  NR/L3/ELP/27152 Working Instructions for D.C. Electrified Lines in the Liverpool Area  6 09/2019  NR/L3/ELP/27152 Working Instructions for D.C. Electrified Lines in the Liverpool Area  6 09/2019  NR/L3/ELP/27154 Application of Short Circuits for Conductor Rail For Pre-Planned  7 09/2018  NR/L3/ELP/27140 Application of Short Circuits for Conductor Rail Isolations  8 03/2019  NR/L3/ELP/27171 Electrical Insulating Gloves - Replaces NR/WI/ELP/27171  8 06/2021  NR/L3/ELP/27237 Overhead Line Work Instructions  NR/L3/ELP/27237 Overhead Line Work Instructions  8 12/2023  NR/L3/ELP/27230 Tosue 6  9 NR/L3/ELP/27230 Issue 6  9 NR/SP/ELP/21031 Issue 2  1 NR/GN/ELP/27002 Issue 2  1 NR/GN/ELP/27002 Issue 2  1 NR/GN/ELP/27002 Issue 2  1 NR/SN/ELP/27002 Test Before Touch for Overhead Line Equipment  1 09/2022  NR/L3/ELP/27730 Test Before Touch for Overhead Line Equipment  1 09/2022  NR/L3/ELP/SA125 Working on or About 25 KV AC Electrified Lines  NR/L3/ELP/SA125 Working on or About Overhead Line Equipment (SAI)  NR/L3/ELP/SA125 Working on or About Overhead Line Equipment (SAI)  NR/L3/ELP/SA125 Working on or About Overhead Line Equipment (SAI)  NR/L2/ENV/015 Environment and Social Minimum Requirements for Projects – Design and Construction  NR/L2/ENV/126 Biodiversity  NR/L2/ENV/127 Biodiversity  NR/L2/ENV/127 Biodiversity  NR/L2/ENV/127 Biodiversity  NR/L2/ENV/127 Biodiversity  NR/L2/ENV/128 Prevention of Polilution to Land and Water  NR/L2/ENV/128 Prevention of Poliution t | safety  | •       | 09/2023                          |
| Circuit State Certificates  NR/L3/ELP/21067 Instructions for making out, issuing and cancelling high voltage Permits to Work, Sanctions for Test and Circuit State Certificates  NR/L3/ELP/22001 Procedures and Competence Requirements for Persons Undertaking Works NR/L3/ELP/27051 Working Instructions for d.c. Electrified Lines in the Liverpool Area 6 09/2019  NR/L3/ELP/27052 Working Instructions for D.C. Electrified Lines in the Liverpool Area 6 09/2019  NR/L3/ELP/27052 Working Instructions for D.C. Electrified Lines on the Northern City Line 8 03/2023  NR/L3/ELP/27115 Arrangements for Isolation of the Conductor Rail for Pre-Planned Possessions of the Line NR/L3/ELP/27140 Application of Short Circuits for Conductor Rail Isolations 4 09/2018  NR/L3/ELP/27171 Electrical Insulating Gloves - Replaces NR/WI/ELP/27171 3 06/2021  NR/L3/ELP/27237 Overhead Line Work Instructions 106/2023  NR/L3/ELP/27237 Overhead Line Work Instructions 107/203  NR/L3/ELP/27230 Conductor Rail Equipment Design and Maintenance Working Instructions Replaces:  NR/L3/ELP/27250 Issue 6 NR/SP/ELP/271164 Issue 2 NR/CN/ELP/27020 Issue 2 NR/L3/ELP/27720 Test Before Touch for Overhead Line Equipment 1 09/2022  NR/L3/ELP/279987 Working on or About 25 KV AC Electrified Lines 9 06/2023  NR/L3/ELP/3091 DC Electrified Lines Working Instructions 5 09/2019  NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) 1 06/2023  NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) 1 06/2023  NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) 1 06/2023  NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) 1 06/2023  NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) 1 06/2023  NR/L3/ELP/SA125 Working On Overhood Line Equipment (SAI) 1 06/2023  NR/L2/ENV/125 Biodiversity 2 06/2023  NR/L2/ENV/126 Biodiversity 1 06/2023  NR/L2/ENV/127 Prevention of Poliution to Land and Water 1 12/2019 |   |         |                                  |
| NR/L3/ELP/21067 Instructions for making out, issuing and cancelling high voltage Permits to Work, Sanctions for Test and Circuit State Certificates NR/L3/ELP/22001 Procedures and Competence Requirements for Persons Undertaking Works NR/L3/ELP/27051 Working Instructions for d.c. Electrified Lines in the Liverpool Area NR/L3/ELP/27052 Working Instructions for d.c. Electrified Lines on the Northern City Line NR/L3/ELP/27052 Working Instructions for D.C. Electrified Lines on the Northern City Line NR/L3/ELP/2715 Arrangements for Isolation of the Conductor Rail for Pre-Planned 4 09/2018 NR/L3/ELP/27140 Application of Short Circuits for Conductor Rail For Pre-Planned 4 09/2018 NR/L3/ELP/27140 Electrical Insulating Gloves - Replaces NR/WI/ELP/27171 3 06/2021 NR/L3/ELP/27237 Overhead Line Work Instructions NR/L3/ELP/27237 Overhead Line Work Instructions NR/L3/ELP/27237 Overhead Line Work Instructions NR/L3/ELP/27230 Conductor Rail Equipment Design and Maintenance Working Instructions Replaces:  NR/L3/ELP/27250 Issue 6 NR/CN/ELP/27021 Issue 2 NR/CN/ELP/27031 Issue 2 NR/CN/ELP/27031 Issue 2 NR/SP/ELP/21031 Issue 2 NR/L3/ELP/27032 Issue 6 NR/SP/ELP/21031 Issue 2 NR/L3/ELP/27032 Issue 6 NR/L3/ELP/27032 Issue 6 NR/L3/ELP/27030 Test Before Touch for Overhead Line Equipment 1 09/2022 NR/L3/ELP/27987 Working on or About 25 KV AC Electrified Lines 9 06/2023 NR/L3/ELP/2804 Working On or About Overhead Line Equipment (SAI) NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) NR/L2/ENV/115 Environment and Social Minimum Requirements for Projects – Design and Construction NR/L2/ENV/115 Environment and Social Minimum Requirements for Projects – Design and Construction NR/L2/ENV/120 Waste Management 2 06/2023 NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration 1 12/2019 NR/L2/ENV/123 Prevention of Pollution to Land and Water 1 12/2019   |   | 6       | 03/2023                          |
| Permits to Work, Sanctions for Test and Circuit State Certificates NR/L3/ELP/22001 Procedures and Competence Requirements for Persons Undertaking Works Near High Voltage Cables and Cable Routes NR/L3/ELP/27052 Working Instructions for d.c. Electrified Lines in the Liverpool Area NR/L3/ELP/27052 Working Instructions for D.C. Electrified Lines on the Northern City Line NR/L3/ELP/27115 Arrangements for Isolation of the Conductor Rail for Pre-Planned 4 09/2018 NR/L3/ELP/27140 Application of Short Circuits for Conductor Rail for Pre-Planned 4 09/2018 NR/L3/ELP/27171 Electrical Insulating Gloves - Replaces NR/WI/ELP/27171 3 06/2021 NR/L3/ELP/27237 Overhead Line Work Instructions 24 06/2023 NR/L3/ELP/27237 Overhead Line Work Instructions NR/L3/ELP/27237 Overhead Line Work Instructions NR/L3/ELP/27230 Conductor Rail Equipment Design and Maintenance Working Instructions Replaces: NR/L3/ELP/27250 Issue 6 NR/SP/ELP/27104 Issue 2 NR/CM/ELP/27020 Issue 2 NR/L3/ELP/27020 Teste Before Touch for Overhead Line Equipment 1 09/2022 NR/L3/ELP/27987 Working on or About 25 KV AC Electrified Lines 9 06/2023 NR/L3/ELP/3019 DC Electrified Lines Working Instructions 5 09/2019 NR/L3/ELP/3019 DC Electrified Lines Working Instructions NR/L3/ELP/3019 DC Electrified Lines Working Instructions NR/L3/ELP/3015 Environment and Social Minimum Requirements for Projects – Design and Of/2023 NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) NR/L3/ELP/S0125 Environment and Social Management System Requirements 1 03/2018 NR/L2/ENV/115 Environment and Social Management System Requirements 1 03/2018 NR/L2/ENV/120 Waste Management 1 06/2023 NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration 1 12/2019 NR/L2/ENV/122 Biodiversity 7 06/2023 NR/L2/ENV/123 Prevention of Pollution to Land and Water 7 06/2023  |   |         |                                  |
| NR/L3/ELP/27051 Working Instructions for d.c. Electrified Lines in the Liverpool Area  A graph Woltage Cables and Cable Routes  NR/L3/ELP/27051 Working Instructions for d.c. Electrified Lines in the Liverpool Area  A graph Woltage Cables and Cable Routes  NR/L3/ELP/27052 Working Instructions for D.C. Electrified Lines on the Northern City Line  NR/L3/ELP/27131 Arrangements for Isolation of the Conductor Rail for Pre-Planned  A graph Woltage of the Line  NR/L3/ELP/27140 Application of Short Circuits for Conductor Rail Isolations  NR/L3/ELP/27140 Application of Short Circuits for Conductor Rail Isolations  NR/L3/ELP/27171 Electrical Insulating Gloves - Replaces NR/WI/ELP/27171  A G6/2021  NR/L3/ELP/27237 Overhead Line Work Instructions  NR/L3/ELP/27237 Overhead Line Work Instructions  NR/L3/ELP/27230 Conductor Rail Equipment Design and Maintenance Working Instructions  NR/L3/ELP/27250 Conductor Rail Equipment Design and Maintenance Working Instructions  Replaces:  NR/SP/ELP/27020 Issue 6  NR/SP/ELP/27020 Issue 2  NR/SP/ELP/27020 Issue 2  NR/SP/ELP/27020 Issue 2  NR/L3/ELP/27270 Teste Before Touch for Overhead Line Equipment  1 09/2022  NR/L3/ELP/27270 Teste Before Touch for Overhead Line Equipment  1 09/2022  NR/L3/ELP/29987 Working on or About Overhead Line Equipment (SAI)  NR/L3/ELP/SA125 Working on or About Overhead Line Equipment (SAI)  NR/L3/ELP/SA125 Working on or About Overhead Line Equipment (SAI)  NR/L3/ELP/SA125 Working on or About Overhead Line Equipment (SAI)  NR/L2/ENV/115 Environment and Social Minimum Requirements for Projects – Design and Construction  NR/L2/ENV/126 Waste Management  NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration  NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration  1 12/2019  NR/L2/ENV/123 Prevention of Pollution to Land and Water  NR/L2/ENV/123 Prevention of Pollution to Land and Water  NR/L2/INF/02202 Records Management of Health and Safety Files  |   | 7       | 12/2023                          |
| NR/L3/ELP/27051 Working Instructions for d.c. Electrified Lines in the Liverpool Area  6 09/2019 NR/L3/ELP/27052 Working Instructions for D.C. Electrified Lines on the Northern City Line NR/L3/ELP/27115 Arrangements for Isolation of the Conductor Rail for Pre-Planned Possessions of the Line NR/L3/ELP/27140 Application of Short Circuits for Conductor Rail Isolations  4 03/2019 NR/L3/ELP/27171 Electrical Insulating Gloves - Replaces NR/WI/ELP/27171 3 06/2021 NR/L3/ELP/27237 Overhead Line Work Instructions NR/L3/ELP/27237 Overhead Line Work Instructions NR/L3/ELP/27237 Overhead Line Work Instructions NR/L3/ELP/27250 Conductor Rail Equipment Design and Maintenance Working Instructions Replaces:  • NR/L3/ELP/27250 Issue 6 • NR/SP/ELP/21104 Issue 2 • NR/GN/ELP/27020 Issue 2 • NR/GN/ELP/27010 Issue 2 • NR/GN/ELP/27021 Issue 2 • NR/GN/ELP/27022 Issue 2 • NR/GN/ELP/27022 Issue 2 • NR/SP/ELP/21104 Issue 2 • NR/SP/ELP/21104 Issue 2 • NR/SP/ELP/21104 Issue 2 • NR/SP/ELP/2104 Issue 2 • NR/SP/ELP/27021 Issue 2 • NR/SP/ELP/27022 Issue 2 • NR/SP/ELP/27022 Issue 2 • NR/SP/ELP/27021 Issue 2 • NR/SP/ELP/27022 Issue 2 • NR/SP/ELP/27021 Issue 2 • NR/SP/ELP/27022 Issue 2 • NR/SP/ELP/27022 Issue 2 • NR/SP/ELP/27021 Issue 2 • NR/SP/ELP/27022 Issue 2 • NR/SP/ELP/27021 Issue 2 • NR/SP/ELP/27021 Issue 2 • NR/SP/ELP/27022 Is | NR/L3/ELP/22001 Procedures and Competence Requirements for Persons Undertaking Works  | 2       | 06/2022                          |
| NR/L3/ELP/27115 Arrangements for Isolation of the Conductor Rail for Pre-Planned Possessions of the Line NR/L3/ELP/27140 Application of Short Circuits for Conductor Rail Isolations 4 03/2019 NR/L3/ELP/27171 Electrical Insulating Gloves - Replaces NR/WI/ELP/27171 3 06/2023 NR/L3/ELP/27237 Overhead Line Work Instructions 24 06/2023 NR/L3/ELP/27237 Overhead Line Work Instructions 25 12/2023 NR/L3/ELP/27250 Conductor Rail Equipment Design and Maintenance Working Instructions Replaces: NR/L3/ELP/27250 Issue 6 NR/SP/ELP/27104 Issue 2 NR/SP/ELP/27021 Issue 2 NR/GN/ELP/27002 Issue 2 NR/GN/ELP/27002 Issue 2 NR/GN/ELP/27002 Issue 2 NR/SP/ELP/27021 Issue 2 NR/L3/ELP/27021 Test Before Touch for Overhead Line Equipment 1 09/2022 NR/L3/ELP/279987 Working on or About 25 KV AC Electrified Lines 9 06/2023 NR/L3/ELP/SA125 Working On or About Coverhead Line Equipment (SAI) 1 06/2023 NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) 1 06/2023 NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) 2 06/2023 NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) NR/L2/ENV/015 Environment and Social Minimum Requirements for Projects – Design and Construction NR/L2/ENV/115 Environment and Social Minimum Requirements for Projects – Design and NR/L2/ENV/120 Waste Management 2 06/2023 NR/L2/ENV/120 Waste Management 3 03/2018 NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration 1 12/2019 NR/L2/ENV/122 Biodiversity 2 03/2023 NR/L2/ENV/123 Prevention of Pollution to Land and Water 1 12/2019   | NR/L3/ELP/27051 Working Instructions for d.c. Electrified Lines in the Liverpool Area   | 6       | 09/2019                          |
| Possessions of the Line         4         09/2018           NR/L3/ELP/27140 Application of Short Circuits for Conductor Rail Isolations         4         03/2019           NR/L3/ELP/27171 Electrical Insulating Gloves - Replaces NR/WI/ELP/27171         3         06/2021           NR/L3/ELP/27237 Overhead Line Work Instructions         24         06/2023           NR/L3/ELP/27237 Overhead Line Work Instructions         25         12/2023           NR/L3/ELP/27250 Conductor Rail Equipment Design and Maintenance Working Instructions         25         12/2023           NR/L3/ELP/27250 Issue 6         NR/SP/ELP/27104 Issue 2         7         06/2023           NR/SP/ELP/27104 Issue 2         NR/SP/ELP/27020 Issue 2         7         06/2023           NR/SP/ELP/27920 Issue 2         NR/SP/ELP/27022 Issue 2         7         06/2023           NR/L3/ELP/27020 Test Before Touch for Overhead Line Equipment         1         09/2022           NR/L3/ELP/29987 Working on or About 25 KV AC Electrified Lines         9         06/2023           NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI)         1         06/2023           NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI)         2         06/2023           NR/L2/ENV/015 Environment and Social Minimum Requirements for Projects – Design and Construction         9         06/2023 <t< td=""><td>NR/L3/ELP/27052 Working Instructions for D.C. Electrified Lines on the Northern City Line</td><td>8</td><td>03/2023</td></t<>  | NR/L3/ELP/27052 Working Instructions for D.C. Electrified Lines on the Northern City Line   | 8       | 03/2023                          |
| NR/L3/ELP/27140 Application of Short Circuits for Conductor Rail Isolations  4 03/2019 NR/L3/ELP/27171 Electrical Insulating Gloves - Replaces NR/WI/ELP/27171 3 06/2021 NR/L3/ELP/27237 Overhead Line Work Instructions NR/L3/ELP/27237 Overhead Line Work Instructions 24 06/2023 NR/L3/ELP/27237 Overhead Line Work Instructions RR/L3/ELP/27250 Conductor Rail Equipment Design and Maintenance Working Instructions Replaces: NR/L3/ELP/27250 Issue 6 NR/SP/ELP/21104 Issue 2 NR/GN/ELP/27019 Issue 2 NR/GN/ELP/27020 Issue 2 NR/GN/ELP/27020 Issue 2 NR/GN/ELP/27021 Issue 2 NR/SP/ELP/27021 Issue 2 NR/SP/ELP/27022 Issue 2 NR/SP/ELP/27022 Issue 2 NR/SP/ELP/27032 Issue 2 NR/L3/ELP/27720 Test Before Touch for Overhead Line Equipment 1 09/2022 NR/L3/ELP/27939 Working on or About 25 KV AC Electrified Lines 9 06/2023 NR/L3/ELP/3091 DC Electrified Lines Working Instructions 5 09/2019 NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) 1 06/2023 NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) 2 06/2023 NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) 2 06/2023 NR/L2/ENV/015 Environment and Social Minimum Requirements for Projects – Design and Onstruction NR/L2/ENV/115 Environment and Social Minimum Requirements for Projects – Design and Onstruction NR/L2/ENV/115 Environment and Social Minimum Requirements for Projects – Design and Onstruction NR/L2/ENV/115 Environment and Social Minimum Requirements for Projects – Design and Onstruction NR/L2/ENV/115 Environment and Social Minimum Requirements for Projects – Design and Onstruction NR/L2/ENV/115 Environment and Social Minimum Requirements for Projects – Design and Onstruction NR/L2/ENV/120 Waste Management 2 06/2023 NR/L2/ENV/121 Managing Environmental and Social Minimum Requirements for Projects – Design and Onstruction 1 12/2019 NR/L2/ENV/122 Biodiversity 2 03/2023 NR/L2/ENV/123 Prevention of Pollution to Land and Water  7 06/2023   | NR/L3/ELP/27115 Arrangements for Isolation of the Conductor Rail for Pre-Planned  | 4       | 09/2018                          |
| NR/L3/ELP/27171 Electrical Insulating Gloves - Replaces NR/WI/ELP/27171 3 06/2021 NR/L3/ELP/27237 Overhead Line Work Instructions 24 06/2023 NR/L3/ELP/27237 Overhead Line Work Instructions 25 12/2023 NR/L3/ELP/27250 Conductor Rail Equipment Design and Maintenance Working Instructions Replaces:  NR/L3/ELP/27250 Issue 6 NR/SP/ELP/27104 Issue 2 NR/SP/ELP/27109 Issue 2 NR/SP/ELP/27020 Test Before Touch for Overhead Line Equipment 1 09/2022 NR/L3/ELP/27192 Issue 2 NR/L3/ELP/27987 Working on or About 25 KV AC Electrified Lines 9 06/2023 NR/L3/ELP/3091 DC Electrified Lines Working Instructions 5 09/2019 NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) 1 06/2023 NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) 2 06/2023 NR/L3/ELP/SA152 Working On or About Overhead Line Equipment (SAI) 2 06/2023 NR/L3/ELP/SA152 Working On or About Overhead Line Equipment (SAI) 2 06/2023 NR/L2/ENV/015 Environment and Social Minimum Requirements for Projects – Design and 9 06/2021 NR/L2/ENV/115 Environment and Social Minimum Requirements 1 03/2018 NR/L2/ENV/120 Waste Management 2 06/2023 NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration 1 12/2019 NR/L2/ENV/122 Biodiversity 2 03/2023 NR/L2/ENV/123 Prevention of Pollution to Land and Water 1 12/2019  |   | 4       | 03/2019                          |
| NR/L3/ELP/27250 Conductor Rail Equipment Design and Maintenance Working Instructions Replaces:  NR/L3/ELP/27250 Issue 6 NR/SP/ELP/21104 Issue 2 NR/GN/ELP/27019 Issue 2 NR/GN/ELP/27020 Issue 2 NR/GN/ELP/27020 Issue 2 NR/GN/ELP/27020 Issue 2 NR/SP/ELP/27020 Issue 2 NR/SP/ELP/27021 Issue 2 NR/SP/ELP/27021 Issue 2 NR/SP/ELP/27022 Issue 2 NR/SP/ELP/27022 Issue 2 NR/SP/ELP/27022 Test Before Touch for Overhead Line Equipment  1 09/2022 NR/L3/ELP/29987 Working on or About 25 KV AC Electrified Lines 9 06/2023 NR/L3/ELP/3091 DC Electrified Lines Working Instructions 5 09/2019 NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI) 1 06/2023 NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI) 2 06/2023 NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI) 2 06/2023 NR/L2/ENV/015 Environment and Social Minimum Requirements for Projects – Design and Construction NR/L2/ENV/115 Environment and Social Management System Requirements 1 03/2018 NR/L2/ENV/120 Waste Management 2 06/2023 NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration 1 12/2019 NR/L2/ENV/122 Biodiversity 2 03/2023 NR/L2/ENV/123 Prevention of Pollution to Land and Water 1 12/2019 NR/L2/INF/02202 Records Management of Health and Safety Files 7 06/2023  | NR/L3/ELP/27171 Electrical Insulating Gloves - Replaces NR/WI/ELP/27171   | 3       | -                                |
| NR/L3/ELP/27250 Conductor Rail Equipment Design and Maintenance Working Instructions Replaces:  NR/L3/ELP/27250 Issue 6 NR/SP/ELP/21104 Issue 2 NR/GM/ELP/27019 Issue 2 NR/GM/ELP/27020 Issue 2 NR/GM/ELP/27020 Issue 2 NR/SP/ELP/27021 Issue 2 NR/SP/ELP/27021 Issue 2 NR/SP/ELP/27022 Issue 2 NR/SP/ELP/27022 Issue 2 NR/SP/ELP/27192 Issue 2 NR/L3/ELP/27720 Test Before Touch for Overhead Line Equipment  1 09/2022 NR/L3/ELP/29987 Working on or About 25 KV AC Electrified Lines 9 06/2023 NR/L3/ELP/3091 DC Electrified Lines Working Instructions 5 09/2019 NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI) 1 06/2023 NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI) 2 06/2023 NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI) 2 06/2023 NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI) NR/L2/ENV/015 Environment and Social Minimum Requirements for Projects – Design and Construction NR/L2/ENV/115 Environment and Social Management System Requirements 1 03/2018 NR/L2/ENV/120 Waste Management 2 06/2023 NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration 1 12/2019 NR/L2/ENV/122 Biodiversity 2 03/2023 NR/L2/ENV/123 Prevention of Pollution to Land and Water 1 12/2019 NR/L2/INF/02202 Records Management of Health and Safety Files 7 06/2023  | NR/L3/ELP/27237 Overhead Line Work Instructions   | 24      |                                  |
| Replaces:  NR/L3/ELP/27250 Issue 6 NR/SP/ELP/21104 Issue 2 NR/SP/ELP/27019 Issue 2 NR/GN/ELP/27020 Issue 2 NR/SP/ELP/27021 Issue 2 NR/SP/ELP/27192 Issue 2 NR/L3/ELP/27720 Test Before Touch for Overhead Line Equipment  1 09/2022 NR/L3/ELP/29987 Working on or About 25 KV AC Electrified Lines 9 06/2023 NR/L3/ELP/3091 DC Electrified Lines Working Instructions 5 09/2019 NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) 1 06/2023 NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) 2 06/2023 NR/L3/ELP/SA125 Working On or About Overhead Line Equipment (SAI) 2 06/2023 NR/L2/ENV/015 Environment and Social Minimum Requirements for Projects – Design and Construction NR/L2/ENV/115 Environment and Social Minimum Requirements for Projects – Design and NR/L2/ENV/112 Environment and Social Minimum Requirements 1 03/2018 NR/L2/ENV/120 Waste Management 2 06/2023 NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration 1 12/2019 NR/L2/ENV/122 Biodiversity 2 03/2023 NR/L2/ENV/123 Prevention of Pollution to Land and Water 1 12/2019 NR/L2/INF/02202 Records Management of Health and Safety Files 7 06/2023   | NR/L3/ELP/27237 Overhead Line Work Instructions   | 25      | 12/2023                          |
| NR/L3/ELP/29987 Working on or About 25 KV AC Electrified Lines  NR/L3/ELP/3091 DC Electrified Lines Working Instructions  NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI)  NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI)  NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI)  (For Early Deployment in North West and Anglia Routes)  NR/L2/ENV/015 Environment and Social Minimum Requirements for Projects – Design and Construction  NR/L2/ENV/115 Environment and Social Management System Requirements  NR/L2/ENV/120 Waste Management  NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration  NR/L2/ENV/122 Biodiversity  NR/L2/ENV/123 Prevention of Pollution to Land and Water  NR/L2/ENV/123 Prevention of Pollution to Land and Water  NR/L2/INF/02202 Records Management of Health and Safety Files  7 06/2023  | Replaces:  NR/L3/ELP/27250 Issue 6  RR/SP/ELP/21104 Issue 2  RR/GN/ELP/27019 Issue 2  RR/GN/ELP/27020 Issue 2  RR/SP/ELP/27021 Issue 2  RR/SP/ELP/27022 Issue 2 | 7       | 06/2023                          |
| NR/L3/ELP/3091 DC Electrified Lines Working Instructions  NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI)  NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI)  (For Early Deployment in North West and Anglia Routes)  NR/L2/ENV/015 Environment and Social Minimum Requirements for Projects – Design and Construction  NR/L2/ENV/115 Environment and Social Management System Requirements  1 03/2018  NR/L2/ENV/120 Waste Management  2 06/2023  NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration  1 12/2019  NR/L2/ENV/123 Prevention of Pollution to Land and Water  1 12/2019  NR/L2/INF/02202 Records Management of Health and Safety Files  7 06/2023  | NR/L3/ELP/27720 Test Before Touch for Overhead Line Equipment   | 1       | 09/2022                          |
| NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI)  NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI)  (For Early Deployment in North West and Anglia Routes)  NR/L2/ENV/015 Environment and Social Minimum Requirements for Projects – Design and Construction  NR/L2/ENV/115 Environment and Social Management System Requirements  1 03/2018  NR/L2/ENV/120 Waste Management  2 06/2023  NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration  1 12/2019  NR/L2/ENV/122 Biodiversity  2 03/2023  NR/L2/ENV/123 Prevention of Pollution to Land and Water  1 12/2019  NR/L2/INF/02202 Records Management of Health and Safety Files  7 06/2023   | NR/L3/ELP/29987 Working on or About 25 KV AC Electrified Lines  | 9       | 06/2023                          |
| NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI) (For Early Deployment in North West and Anglia Routes)  NR/L2/ENV/015 Environment and Social Minimum Requirements for Projects – Design and Construction  NR/L2/ENV/115 Environment and Social Management System Requirements  1 03/2018 NR/L2/ENV/120 Waste Management  2 06/2023 NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration  1 12/2019 NR/L2/ENV/122 Biodiversity  2 03/2023 NR/L2/ENV/123 Prevention of Pollution to Land and Water  1 12/2019  NR/L2/INF/02202 Records Management of Health and Safety Files  7 06/2023   | NR/L3/ELP/3091 DC Electrified Lines Working Instructions  | 5       | 09/2019                          |
| NR/L2/ENV/015 Environment and Social Minimum Requirements for Projects – Design and Construction   Projects – Projects – Design and Construction   Projects – Design and Construction   Projects – Design and Construction   Projects – Proj   |   | 1       | 06/2023                          |
| NR/L2/ENV/015 Environment and Social Minimum Requirements for Projects – Design and Construction  NR/L2/ENV/115 Environment and Social Management System Requirements  1 03/2018  NR/L2/ENV/120 Waste Management  2 06/2023  NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration  1 12/2019  NR/L2/ENV/122 Biodiversity  2 03/2023  NR/L2/ENV/123 Prevention of Pollution to Land and Water  1 12/2019  NR/L2/INF/02202 Records Management of Health and Safety Files  7 06/2023   | NR/L3/ELP/SAI25 Working On or About Overhead Line Equipment (SAI)  (For Early Deployment in North West and Anglia Routes)                                       | 2       | 06/2023                          |
| Construction  NR/L2/ENV/115 Environment and Social Management System Requirements  1 03/2018  NR/L2/ENV/120 Waste Management  2 06/2023  NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration  1 12/2019  NR/L2/ENV/122 Biodiversity  2 03/2023  NR/L2/ENV/123 Prevention of Pollution to Land and Water  1 12/2019  NR/L2/INF/02202 Records Management of Health and Safety Files  7 06/2023   |   |         |                                  |
| NR/L2/ENV/120 Waste Management       2       06/2023         NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration       1       12/2019         NR/L2/ENV/122 Biodiversity       2       03/2023         NR/L2/ENV/123 Prevention of Pollution to Land and Water       1       12/2019         NR/L2/INF/02202 Records Management of Health and Safety Files       7       06/2023  | NR/L2/ENV/015 Environment and Social Minimum Requirements for Projects – Design and Construction  | 9       | 06/2021                          |
| NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration112/2019NR/L2/ENV/122 Biodiversity203/2023NR/L2/ENV/123 Prevention of Pollution to Land and Water112/2019NR/L2/INF/02202 Records Management of Health and Safety Files706/2023  | NR/L2/ENV/115 Environment and Social Management System Requirements   | 1       | 03/2018                          |
| NR/L2/ENV/122 Biodiversity       2       03/2023         NR/L2/ENV/123 Prevention of Pollution to Land and Water       1       12/2019         NR/L2/INF/02202 Records Management of Health and Safety Files       7       06/2023   | NR/L2/ENV/120 Waste Management  | 2       | 06/2023                          |
| NR/L2/ENV/123 Prevention of Pollution to Land and Water 1 12/2019  NR/L2/INF/02202 Records Management of Health and Safety Files 7 06/2023   | NR/L2/ENV/121 Managing Environmental and Social Impact of Noise and Vibration   | 1       | 12/2019                          |
| NR/L2/INF/02202 Records Management of Health and Safety Files 7 06/2023  | NR/L2/ENV/122 Biodiversity  | 2       | 03/2023                          |
| , , , ,  | NR/L2/ENV/123 Prevention of Pollution to Land and Water   | 1       | 12/2019                          |
| , , , ,  |   |         |                                  |
| NR/L3/1NF/U2226 Corporate Records Retention Schedule 3 12/2017   | NR/L2/INF/02202 Records Management of Health and Safety Files   |         |                                  |
| I I  | NR/L3/INF/02226 Corporate Records Retention Schedule  | 3       | 12/2017                          |





| Consulting   | ,           | Assurance and Compliance Service |
|--|-------------|----------------------------------|
| NETWORK RAIL STANDARDS   | Teeue       |                                  |
| Ref. / Title   | Issue<br>No | Issue Date                       |
| NR/GN/INI/001 Guidance on the Management of Door to Door Work & Travel Time  | 1           | 12/2008                          |
| NR/L2/INI/EDT/CP0091 Specification for Computer Aided Design   | 4           | 12/2018                          |
| NR/L3/INI/CP0028 Contract Requirements - Quality   | 3           | 06/2012                          |
| NR/L3/INI/CP0036 Provision of Welfare Facilities   | 4           | 08/2008                          |
|  |             |                                  |
| NR/L3/INV/3001 Reporting and Investigation Manual  | 7           | 09/2021                          |
|  |             |                                  |
| NR/GN/MTC/089 Guidance for the Exchange of Asset Data and the Continuing Maintenance   |             |                                  |
| of Assets Undergoing Change  | 1           | 09/2020                          |
| WITHDRAWAL DATE: 01/06/2024  |             |                                  |
| NR/L2/MTC/089 Arrangements for the Exchange of Asset Data and the Continuing   | 2           | 12/2018                          |
| Maintenance of Assets Undergoing Change NR/L2/MTC/089 Arrangements for the exchange of asset data and the continuing                                   |             |                                  |
| maintenance of assets undergoing change  | 3           | 12/2023                          |
| NR/L3/MTC/CP009 COVID-19 Contingency Plan: Safe Working Practices  | 11          | 03/2022                          |
| NR/L3/MTC/EN0100 Waste Management  | 3           | 06/2012                          |
| NR/L3/MTC/EN0101 Management of Discharges to Sewers & Controlled Waters  | 3           | 06/2012                          |
| NR/L3/MTC/EN0225 Environ Management System for Infrastructure Maintenance  | 1           | 06/2012                          |
| NR/L3/MTC/EP0152 Working on or Adjacent to Conductor Rail  | 5           | 12/2011                          |
| NR/L3/MTC/MG0173 Monitoring of Spoken Safety Communications  | 4           | 09/2022                          |
| NR/L3/MTC/MG0210 Management of Maintenance Work within a Worksite to Prevent a Possession Overrun  | 3           | 06/2019                          |
| NR/L3/MTC/MG0213 Index of Standard Maintenance Forms   | 19          | 03/2023                          |
| NR/L3/MTC/MG0213 Index of Standard Maintenance Forms   | 20          | 12/2023                          |
| NR/L3/MTC/RCS0216 Risk Control Manual  | 26          | 09/2023                          |
| NR/L3/MTC/RCS0216 Task Risk Control Manual   | 28          | 12/2023                          |
| NR/L3/MTC/RCS0216/OLE02 Risk Control Manual: Working on Red Bonds/Impedance  | 2           | 03/2012                          |
| Bonds  NR/L3/MTC/SE0115 Confined Spaces Working & Entry Procedure  | 2           | 06/2008                          |
| NR/L3/MTC/SE0117 Planned Assurance Inspections and Site Surveillance   | 4           | 09/2018                          |
| NR/L3/MTC/SE0117 Flanned Assurance Inspections and Site Surveillance   | 5           | 12/2023                          |
| NR/L3/MTC/SE0117 Flammed Assurance Inspections and Site Surveillance  NR/L3/MTC/SE0220 Planning and Delivering Safe Working at Height                  | 2           | 09/2020                          |
|  | 6           | -                                |
| NR/L2/OHS/00102 Work Activity Risk Assessments   |             | 12/2023                          |
| NR/CS/OHS/002 Policy on Working Safely  NR/GN/OHS/00155 Short-term Changes in the Creation and Application of Safe Work Packs                          | 1           | 02/2007                          |
| and Briefing Arrangements  | 1           | 06/2020                          |
| COVID-19 Contingency Plan (Guidance for Regions on NR/L2/OHS/019)  | _           |                                  |
| NR/L1/OHS/052 Traumatic Incident Management  | 1           | 06/2016                          |
|  |             | 00/55:-                          |
| NR/L2/OHS/00110 First Aid at Work  | 6           | 09/2017                          |
| NR/L2/OHS/00112 Worksafe Procedure   | 3           | 09/2020                          |
| NR/L2/OHS/00120 Drugs, Alcohol and Substance Misuse in the Workplace NR/L2/OHS/00124 Competence Specific Medical Fitness Requirements and Occupational | 7           | 03/2023                          |
| Health Provider Requirements for Medical Assessments   | 3           | 12/2016                          |
| NR/L2/OHS/00130 Creating a Site of Work Segregated from the Railway  | 2           | 06/2023                          |
| NR/L2/OHS/003 Fatigue Risk Management  | 9           | 12/2019                          |
| NR/L2/OHS/0044 Planning and Managing Construction Work replaces NR/L3/INI/CP0044   | 5           | 12/2016                          |
| Work Package Planning  NR/L2/OHS/0047 Managing Health and Safety in Construction (Application of the   | -           | ,                                |
| Construction   | 7           | 06/2019                          |
| (Design and Management) Regulations to Network Rail)   | 13          | 06/2022                          |
| NR/L2/OHS/019 Safety of People working on or near the Line   | 12          | 06/2023                          |





| Consulting  | Limited     | Assurance and Compliance Services |
|---|-------------|-----------------------------------|
| NETWORK RAIL STANDARDS  | Teeue       |                                   |
| Ref. / Title  | Issue<br>No | Issue Date                        |
| NR/L2/OHS/020 Track Visitor Permits   | 5           | 08/2008                           |
| NR/L2/OHS/021 Personal Protective Equipment (PPE)   | 5           | 06/2023                           |
| NR/L2/OHS/022 Working Safely at Height  | 2           | 03/2020                           |
| NR/L2/OHS/032 Training, Competence and Assessment in Accident and Incident Investigation  | 3           | 09/2021                           |
| NR/L2/OHS/050 Application of the Sentinel Scheme Rules  | 5           | 09/2023                           |
| NR/L2/OHS/053 Assessing Risk of Stress in the Workplace   | 3           | 03/2022                           |
| NR/L2/OHS/157 Health surveillance for silica and asbestos and the management of diagnosed occupational respiratory conditions   | 1           | 03/2017                           |
| NR/L2/OHS/501 Trackworker Protection and Warning Systems  | 7           | 03/2023                           |
| NR/L2/OHS/CP0070 Principal Contractor Licensing Assurance (aka NR/L2/INI/CP0070)  | 6           | 12/2022                           |
| NR/L3/OHS/0046 The Reporting, Investigation and Recording of Safety and Sustainable Development Events and Close Calls within Infrastructure Projects   | 3           | 06/2018                           |
| NR/L3/OHS/005 Design and Construction Management in a High Street Environment   | 4           | 09/2023                           |
|   |             |                                   |
| NR/L2/OPS/033 Recording Spoken Safety Critical Communications between Possession Management and Engineering Trains / On-Track Plant Drivers when Working in Possessions and Worksites.  | 3           | 06/2019                           |
| NR/L2/OPS/207 Training and Competence in Engineering Access Planning (formerly NR/L2/CTM/207 – Competence and Training in Planning)   | 1           | 03/2023                           |
| NR/L2/OPS/291 Railway Crime Risk Management   | 1           | 12/2019                           |
| NR/L3/OPS/0064 Delivering Work within Possessions – Replaces NR/L3/INI/CP0064   | 6           | 06/2021                           |
| NR/L3/OPS/084 Line Clear Arrangements Following Engineering Works in Axle Counter Areas  - Line Clear Verification Process  | 6           | 12/2021                           |
| NR/L3/OPS/251 Unmanned Aircraft System (Drone/UAS) Operations   | 4           | 09/2021                           |
| NR/OPS/DEV/009 Network Rail: Good Practice Guide for Working at Operational Locations (Signal Boxes, Electrical Control Rooms, Controls) During COVID 19  | 2           | 06/2020                           |
| NR/GN/OTK/5000 Index of Off-Track Drawings  | 3           | 12/2021                           |
| NR/L2/OTK/5201 Lineside Vegetation Management Manual  | 5           | 12/2020                           |
| ,,,   |             |                                   |
| NR/GN/RMVP/0200 Infrastructure Plant Manual Guidance  | 2           | 06/2022                           |
| NR/L2/RMVP/0200 Infrastructure Plant Manual   | 11          | 06/2022                           |
| NR/L2/RMVP/0200 Infrastructure Plant Manual   | 12          | 12/2023                           |
| NR/L3/RMVP/0201 Calibration Work Instruction Manual Replaces NR/L3/MTC/ME0201  This standard provides the index and version control of Calibration Work Instructions for the internal calibration and comparison checking of Inspection, Measuring and Test Equipment (IMTE). | 2           | 09/2011                           |
| NR/L3/RMVP/27702 Plant Product Acceptance Process   | 1           | 12/2023                           |
| ND /1 2/DSE /000E Deaduck Design for Deliability  | -           | 12/2020                           |
| NR/L2/RSE/0005 Product Design for Reliability   | 5           | 12/2020                           |
| NR/L2/RSE/02009 Engineering Management for Projects   | 3           | 03/2023                           |
| NR/L2/RSE/070 Engineering Verification  NR/L2/RSE/100 Network Pail Acceptance Panel processes   |             | 03/2022                           |
| NR/L2/RSE/100 Network Rail Acceptance Panel processes  NR/L2/RSE/CONM/001 Construction Management for Projects  | 7           | 12/2021<br>06/2023                |
| NR/L2/RSE/CONM/001 Construction Management for Projects  NR/L2/RSE/CONM/001 Construction Management for Projects  | 2           | 12/2023                           |
| MAY E27 K3C7 COMM 7001 Construction Management for Projects   |             |                                   |
| NR/L1/RSK/001 Network Rail Risk Policy  | 3           | 09/2019                           |
| THEY LAY NORY OUT THE WORK HAIR HISK I OHLY   | ,           | U9/ ZU13                          |
| NR/L2/SCO/302 Supplier Qualification Requirements   | 1           | 06/2020                           |
| NR/L2/SCO/310 Control of Movements in Depots, Yards and Associated Depot Sidings  |             | •                                 |
| (Methods of Work)   | 1           | 12/2022                           |





| NETWORK RAIL STANDARDS   |             |            |
|--|-------------|------------|
| Ref. / Title   | Issue<br>No | Issue Date |
| NR/L3/SCO/313 On-Track Machines (OTMs) Driver and Operations Standards Manual  | 13          | 09/2023    |
| NR/L3/SCO/314 Engineering Assurance for T&RS, OTM and OTP Projects   | 3           | 06/2023    |
| NR/L3/SCO/320 Supplier Quality Assurance (SQA)   | 2           | 09/2020    |
| NR/L1/SCT/001 Security Management System (SeMS)  | 1           | 09/2023    |
| NR/L1/SCT/002 Cyber Security and Resilience for Digital Systems  |             |            |
| Replaces NR/L1/INF/02232 Issue 2   | 1           | 03/2023    |
| NR/SIN/185 Identification and Inspection of Plain-Lined S&C  | 1           | 06/2019    |
|  |             |            |
| NR/L2/SIG/10160 Specification for Application of the IRSE Licensing Scheme   | 3           | 12/2020    |
| NR/L2/SIG/11201 Signalling Design Handbook   | 17          | 03/2023    |
| NR/L2/SIG/11201 Signalling Design Handbook   | 18          | 12/2023    |
| NR/L2/SIG/14201 Signalling Risk Assessment Handbook  | 5           | 12/2020    |
| NR/L2/SIG/30009 Signalling Principles Handbook   | 26          | 09/2023    |
| NR/L2/SIG/30009 Signalling Principles Handbook   | 27          | 12/2023    |
| NR/L2/SIG/30014 Signalling Works Testing Handbook  | 22          | 06/2023    |
| NR/L2/SIG/50035 Competence Standard - Competence and Training in Signal and Level Crossing Engineering                             | 6           | 09/2023    |
| NR/L2/SIG/50035 Competence Standard - Competence and Training in Signal and Level Crossing Engineering                             | 7           | 12/2023    |
| NR/L2/SIG/50040 Temporary Speed Restrictions replaces NR/L3/SIG/MG0110   | 1           | 12/2021    |
| NR/L2/SIG/50050 Topographic, engineering, land and measured building surveying<br>– Signalling                                     | 1           | 09/2023    |
| NR/L3/SIG/10064 General Instructions to Staff Working on S&T Equipment   | 11          | 06/2022    |
| NR/L3/SIG/10661 Signal Maintenance Task Intervals  | 24          | 06/2023    |
| NR/L3/SIG/10661 Signal Maintenance Task Intervals  | 25          | 12/2023    |
| NR/L3/SIG/10663 Signal Maintenance Specifications  | 16          | 03/2023    |
| NR/L3/SIG/10663 Signal Maintenance Specifications  | 17          | 12/2023    |
| NR/L3/SIG/10665 Reliability Centred Maintenance of Signalling Equipment  | 23          | 06/2023    |
| NR/L3/SIG/11231 Signal Maintenance Testing Handbook  | 18          | 03/2023    |
| NR/L3/SIG/11231 Signal Maintenance Testing Handbook  | 19          | 12/2023    |
| NR/L3/SIG/11235 Signal Intermediate Testing Handbook   | 2           | 03/2023    |
| NR/L3/SIGELP/50000 Safe working and maintenance on or near Signalling Power Distribution Equipment above 175 volts                 | 4           | 09/2021    |
| NR/L3/SIGELP/50000 Safe Working and Maintenance on or near Signalling Power Distribution Equipment above 175 V AC                  | 5           | 12/2023    |
| NR/L3/SIGELP/50001 Signalling Power Distribution Equipment above 175 Volts (Work Instructions)                                     | 5           | 09/2021    |
| NR/L3/SIGELP/50001 Work Instruction: Signalling Power Distribution Equipment above 175 V AC  | 6           | 12/2023    |
| NR/L3/SIGELP/50002 Safe Working Practices When Working on or Near Signalling Power Distribution Equipment Above 175 Volts          | 1           | 12/2016    |
| NR/L3/SIGELP/50003 Safe Working Practices When Working on or Near Signalling Equipment   | 1           | 03/2018    |
| NR/L2/TEL/30067 The Transmission of Safety Related Information   | 2           | 12/2011    |
| NR/L2/TEL/30156 Functional Requirements for Safety Related Communications Equipment for  | 1           | 12/2011    |
| On Track Plant Working  NR/L3/TEL/30181 Telecoms Maintenance Work Instructions Handbook  | 9           | 06/2023    |
| NR/L3/TEL/30181 Teleconis Maintenance Work Instructions Handbook  NR/L3/TEL/30181 Teleconis Maintenance Work Instructions Handbook | 10          | 12/2023    |
| THE LOTTE POSSET PERCENTS FIGHTCHARICE WORK THAT ACTIONS FIGHTUDOOK  | 10          |            |





| NETWORK RAIL STANDARDS  |             |            |
|---|-------------|------------|
| Ref. / Title  | Issue<br>No | Issue Date |
| NR/GN/TRK/7001 Index of Track Work Information Sheets (TWI)   | 19          | 09/2023    |
| NR/L1/TRK/100 Management of Track Assets  | 1           | 03/2020    |
| NR/L2/TRK/001 Inspection and Maintenance of Permanent Way   | 23          | 06/2023    |
| NR/L2/TRK/1054 Inspection and Maintenance Procedures for Crossings in Track   | 6           | 09/2022    |
| NR/L2/TRK/3038 Longitudinal Bearer Systems Inspection, Maintenance and Design   | 8           | 12/2023    |
| NR/L2/TRK/3415 Refurbishment of Switches and Crossings  | 3           | 03/2023    |
| NR/L2/TRK/4239 Track Bed Investigation, Design and Installation   | 2           | 09/2020    |
| NR/L2/TRK/4239 Track Bed Investigation, Design and Installation   | 3           | 12/2023    |
| NR/L2/TRK/6100 The Installation and Maintenance of Stretcher Bars   | 6           | 06/2023    |
| NR/L2/TRK/7014 Standardised Risk Based Maintenance Regime (RBM) for the Inspection and Maintenance of the Permanent Way   |             | 03/2022    |
| NR/L3/TRK/003 Index of Track Engineering Forms  | 44          | 09/2023    |
| NR/L3/TRK/003 Index of Track Engineering Forms  | 45          | 12/2023    |
| NR/L3/TRK/1015 Management of Basic Visual Inspection  |             | 03/2023    |
| NR/L3/TRK/1020 Track Hand Back for Projects: Confirming Track Is Safe for Opening at the Selected Line Speed After Projects Engineering Work – Replaces  NR/L3/TRK/1017 Issue 1 |             | 12/2022    |
| NR/L3/TRK/3230 Control of On-Track Machines (OTM)   | 3           | 09/2023    |
| NR/L3/TRK/3530 Track Lubricants   |             | 06/2012    |
| NR/L3/TRK/7006 Creation and Application of an Emergency Speed Restriction (ESR) Design  | 3           | 09/2022    |
| NR/L3/TRK/7013 Planning and Installation of Temporary Rail Joints   | 1           | 09/2021    |
| NR/SP/TRK/1110 Qualification and Certification of Non-Destructive Testing Personnel   | 2           | 06/2023    |





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

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





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





#### Key

StdNo Current standard
StdNo StdNo StdNo StdNo Superseded/Withdrawn

#### Modular Rulebook GE/RT8000

#### **PTS Only**

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

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

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

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

Lookouts

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

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

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





| Rule Book                           |          |   |   |
|-------------------------------------|----------|---|---|
| Doc No &                            | Issue    |   |   |
| Issue                               | Date     | Title   | Synopsis  |
| <u>GERT8000-HB1</u><br><u>Iss 7</u> | Sep 2021 | General duties and track safety for track workers   | This handbook is for those personnel who need to go on the operational railway to carry out their duties, with the exception of a train driver, guard, shunter, signaller, crossing keeper or designated person (DP).   |
| GERT8000-HB2<br>Iss 2               | Sep 2015 | Instructions for track workers who use emergency protection equipment                         | This handbook is for those personnel who need to go on the operational railway to carry out their duties and have been trained to carry out emergency protection. It does not apply to: train drivers, guards, shunters, signallers, crossing keepers and those who act as a designated person (DP). This document has been updated as part of the December 2015 Rule Book Programme. |
| GERT8000-HB20<br>Iss 4              | Sep 2021 | General duties of a safe work leader (SWL) working outside a possession                       | You will need this handbook if you have the general duties of a safe work leader working outside a possession.  |
| GERT8000-HB21<br>Iss 5              | Sep 2021 | Safe work leader (SWL) blocking a line  | You will need this handbook if you carry out the duties of a IWA, COSS or PC blocking a line.   |
| GERT8000-HB3<br>Iss 3               | Sep 2014 | Duties of the lookout and site warden   | This handbook is for those personnel who have duties of the lookout and site warden. Information on changes to this issue can be found in the Rule Book Briefing Leaflet (GERT8000-RBBL Iss 27).  |
| GERT8000-HB4<br>Iss 2               | Sep 2014 | Duties of a points operator and route-setting agent - moving and securing points by hand      | This handbook is for those personnel who has duties of a points operator and route-setting agent - moving and securing points by hand. Information on changes to this issue can be found in the Rule Book Briefing Leaflet (GERT8000-RBBL Iss 27).  |
| GERT8000-HB5<br>Iss 2.1             | Dec 2022 | Handsignalling duties   | This handbook is for those personnel who carry out handsignalling duties The Rule Book has been reviewed to remove cases of gender- specific language which can be taken as an assumption that only males are involved. All references to 'pilotman' in handbook 5 have been changed to 'pilot'.  |
| GERT8000-HB6<br>Iss 7               | Sep 2021 | General duties of an individual working alone (IWA)   | This handbook is for those personnel with general duties of an individual working alone (IWA).  |
| GERT8000-HB7<br>Iss 8               | Sep 2021 | General duties of a controller of site safety (COSS)  | This handbook is for those personnel who have the general duties of a controller of site safety (COSS).   |
| GERT8000-HB8<br>Iss 9               | Sep 2022 | IWA, COSS or PC blocking a line   | You will need this handbook if you carry out the duties of a IWA, COSS or PC blocking a line.   |
| GERT8000-HB9<br>Iss 8               | Sep 2022 | IWA or COSS setting up safe systems of work within possessions                                | You will need this handbook if you carry out the duties of an IWA or COSS setting up safe systems of work within possessions.   |
| GERT8000-HB10<br>Iss 4.1            | Dec 2022 | 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.  The Rule Book has been reviewed to remove cases of gender-specific language which can be taken as an assumption that only males are involved. All references to to level crossings as being 'manned' in handbook 10 have been replaced with the term 'manually-controlled'.   |
| GERT8000-HB10<br>Iss 5              | Sep 2023 | Duties of the COSS and person in charge when using a hand trolley                             | You will need this handbook if you are the COSS or SWL and person in charge when using a hand trolley.  |
| GERT8000-HB11<br>Iss 10             | Sep 2022 | Duties of the person in charge of the possession (PICOP)                                      | You will need this handbook if you carry out the duties of the PICOP.   |
| GERT8000-HB12<br>Iss 9              | Sep 2022 | Duties of the engineering supervisor (ES) or safe work leader (SWL) in a possession           | You will need this handbook if you carry out the duties of the ES or SWL in a possession.   |
| GERT8000-HB13<br>Iss 3              | Sep 2022 | Duties of the person in charge of the siding possession (PICOS)                               | You will need this handbook if you carry out the duties of a PICOS.   |
| GERT8000-HB13<br>Iss 4              | Sep 2023 | Duties of the person in charge of the siding possession (PICOS)                               | You will need this handbook if you carry out the duties of a PICOS.   |
| GERT8000-HB14<br>Iss 3              | Mar 2021 | Duties of the person in charge of loading and unloading rail vehicles during engineering work | You will need this handbook if you carry out the duties of the person in charge of loading and unloading rail vehicles during engineering work.   |
| GERT8000-HB15<br>Iss 6              | Sep 2022 | Duties of the machine controller (MC) and on-track plant operator                             | You will need this handbook if you carry out the duties of the machine controller (MC) and on-track plant operator.   |





| Rule Book                       |               |  |   |
|---------------------------------|---------------|--|---|
| Doc No &<br>Issue               | Issue<br>Date | Title  | Synopsis  |
| GERT8000-HB16<br>Iss 5          | Dec 2021      | AC electrified lines   | This handbook is for those personnel who need to go on the operational railway in an AC electrified area to carry out their duties.                                     |
| GERT8000-HB17<br>Iss 4          | Dec 2021      | DC electrified lines   | This handbook is for those personnel who need to go on the operational railway in an DC electrified area to carry out their duties.                                     |
| GERT8000-HB18<br>Iss 4          | Sep 2015      | Duties of a Level Crossing Attendant                                   | You will need this handbook if you carry out the duties of a level crossing attendant. This document has been updated as part of the December 2015 Rule Book Programme. |
| GERT8000-HB19<br>Iss 4.1        | Nov 2022      | Work on signalling equipment -<br>duties of the signalling technician  | You will need this handbook if you carry out the duties of a signalling technician.   |
| GERT8000-HB19<br>Iss 5          | Sep 2023      | Work on signalling equipment -<br>duties of the signalling technician  | You will need this handbook if you carry out the duties of a signalling technician.   |
| GERT8000-OTM<br>Iss 10          | Mar 2021      | Working of on-track machines (OTM)                                     | You will need this module if you carry out the duties of a driver of an on-track machine, an operator of an on-track machine, or a signaller.                           |
| GERT8000-OTM<br>Iss 11          | Sep 2023      | Working of on-track machines (OTM)                                     | You will need this module if you carry out the duties of a driver of an on-track machine, an operator of an on-track machine, or a signaller.                           |
| GERT8000-T3<br>Iss 11           | Sep 2022      | Possession of a running line for engineering work                      | You will need this module if you carry out the duties of a driver or signaller.   |
| <b>G</b> ERT8000-T3<br>Iss 11.1 | Nov 2023      | Possession of a running line for engineering work                      | You will need this module if you carry out the duties of a driver or signaller.   |
| GERT8000-T10<br>Iss 6           | Sep 2022      | Duties of a designated person (DP) and people working on rail vehicles | You will need this module if you carry out the duties of a designated person or person working on a rail vehicle.   |

#### **Network Rail Safety Central**





## **Network Rail Safety Central – Information Section**

#### **Code of Conduct**

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

<u>Code of Business Ethics</u> (web page) <u>Modern Slavery</u> (web page)

#### **Network Rail Safety Bulletins**

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

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

You can refine your search by:

#### **Bulletin type**

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

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

#### **Safety Bulletins**

Safety Bulletin NRB23-09 – Trackworker Near Miss September 21, 2023

#### Safety Advice

- Safety Advice NRA23-13 Enerpac Stressing Equipment Incident October 24, 2023
- Safety Advice NRA23-12 Geismar MAN 18T MEWP Stabiliser Leg Failure September 20, 2023

#### Other documents

 Environment Bulletin ENV23-03 – Change of Address – Impact to permits, licences and consents (PLC's) July 13, 2023

#### **Lessons Learnt / Shared Learning**

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

#### Safety Bulletins | Safety Central (networkrail.co.uk)

Click on "Shared Learning" in the Bulletin type menu on right of screen. Type "NRL23" in the search box for this year's.

#### **Network Rail Safety Central**





#### Health & Wellbeing

Health and wellbeing (web page)

#### **Risk Management**

Think RISK (web page)

#### **Resource Library**

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

The Resource Library holds a wealth of information.

#### SCO 24:7 (Supply Chain - Operations) Telephone

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

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

#### **Emergency**

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

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

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

#### To report a crime

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

#### **HSE Fatigue and Risk Index (FRI) Calculator**

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

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

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



### **Useful Links**



### **Useful Links**

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

| Design and Safety Executive   Mebiste   Covernment agency responsible for regulating risks to health and Safety arising from work. HSE publications can be downloaded free in Adobe PDF format.  | Item   | Details  |
|--|--|--|
| Safety arising from work. HSE publications can be downloaded free in Adobe PDF format.   |  |  |
| CIRAS Online Into://www.ciras.org.uk — free access  Network Rail Into://www.networkrail.co.uk — Website  Network Rail Standards If you have any queries re the registration form or the Network Rail Standards portal, please email: STSupplierSupport@networkrail.co.uk — Network Rail Technical Drawings National Records Group Email: nrgcivils@networkrail.co.uk — If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal by completing this registration form as soon as you can, so that your new log in account can be set up.  The site is your one-stop shop of safety information, advice, resources and useful contacts, designed to promote consistency and best practice across the whole rail industry. The information is divided under the following sections:  - Alerts & Campaign Material - Commitment & Rules - Safety Groups - On Site Solutions - Toolbox  RSSB Close Call System - Www.closecalsystem.co.uk - Register for access  At the request of Network Rail and its contractors, RSSB has developed a new internet-based system that will allow the industry to centrally record and analyse Close Call incidents. This is known as the Close Call System.  Rail Safety and Standards Board - http://www.rssb.co.uk - Register for access to certain documents  Rail Santinel - Register for access to certain documents  Rail Santinel - Register for access to certain documents  - Reg |  |  |
| Preephone number 0800 4 101 101.   |  |  |
| Freephone number 0800 4 101 101.   | CIRAS Online                                 | The Confidential Incident Reporting and Analysis System  |
| Network Rail http://www.networkrail.co.uk — Website  Network Rail Standards If you have any queries re the registration form or the Network Rail Standards portal, please email: STSupplierSupport@networkrail.co.uk  Network Rail Technical Drawings Rail Technical Drawings Rail Technical Drawings Hyou have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Net  |  |  |
| Network Rail Standards If you have any queries re the registration form or the Network Rail Standards portal, please email: STSupplierSupport@networkrail.co.uk  Network Rail Technical Drawings National Records Group Email: ngc/uis@networkrail.co.uk  Network Rail Safety Central http://safety.networkrail.co.uk  - free access  RSSB Close Call System www.closecallsystem.co.uk - Register for access  RSSB Close Call System www.closecallsystem.co.uk - Register for access to certain documents - Register for access to certain documents - Register for access to certain documents  Rail Safety and Standards Board http://www.railsentinel.co.uk/ - registered Companies only  Sentinel Scheme Rules  Coffice of Rail and Road https://www.raib.gov.uk/ - free access  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for the UK. It investigation or mail and controls documents in your new form and controls documents in your new (interim) website.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail standards Portal.  If you have not already done so, please register for access to the Network Rail standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access | - free access                                | ·  |
| Network Rail Standards   If you have any queries re the registration form or the Network Rail Standards portal, please email: STSupplierSupport@networkrail.co.uk   This new site will be called the Network Rail Standards Portal.  |  | Owner and operator of Britain's railway infrastructure.  |
| If you have any queries re the registration form or the Network Rail Standards portal, please email:  STSupplierSupport@networkrail.co.uk  Network Rail Technical Drawings National Records Group Email: nrgcivils@networkrail.co.uk  Network Rail Safety Central http://safety.networkrail.co.uk  The site is your one-stop shop of safety information, advice, resources and useful contacts, designed to promote consistency and best practice across the whole rail industry. The information is divided under the following sections:  Alerts & Campaign Material Communication & Health  |  |  |
| form or the Network Rail Standards portal, please email: STSupplierSupport@networkrail.co.uk  Network Rail Technical Drawings National Records Group Email: nrgcivils@networkrail.co.uk  Network Rail Safety Central http://safety.networkrail.co.uk — free access  Network Rail Safety Central http://safety.networkrail.co.uk — free access  The site is your one-stop shop of safety information, advice, resources and useful contacts, designed to promote consistency and best practice across the whole rail industry. The information is divided under the following sections:  Alters & Campaign Material — Commitment & Rules — Safety Groups — On Site Solutions — Toolbox  At the request of Network Rail and its contractors, RSSB has developed a new internet-based system that will allow the industry to centrally record and analyse 'Close Call incidents'. This is known as the Close Call System.  Rail Safety and Standards Board http://www.rssb.co.uk — Register for access to certain documents  Rail Sentinel https://www.railsentinel.co.uk/ – registered companies only  Office of Rail and Road http://orr.gov.uk/ — free access  Independent railway accident investigation organisation for the UK. It investigates railway accident investigation organisation for the UK. It investigates railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to   | Network Rail Standards                       | from 31 August 2023, free access to Network Rail's extensive   |
| please email: STSupplierSupport@networkrail.co.uk  Network Rail Technical Drawings National Records Group Email: nrgciviis@networkrail.co.uk  Network Rail Safety Central http://safety.networkrail.co.uk  - free access  RSSB Close Call System www.closecalisystem.co.uk  - Register for access  Rail Safety and Standards Board http://www.rsibs.co.uk  - Register for access to certain documents  Rail Safety and Standards Board http://www.railsentinel.co.uk/ − registered companies only  Sentinel Scheme Rules  Office of Rail and Road http://www.raib.gov.uk/ − free access  Pires access  This new site will be called the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal.  If you have not already done so, please register for access to the Network Rail Standards Portal by completing this registration form as soon as you can, so that your new log in account can be set up.  The site is your one-stop shop of safety information, advice, resources and useful contacts, designed to promote consistency and best practice across the whole rail industry. The information is divided under the following sections:  Alerts & Campaign Material  Communication & Health  Commitment & Rules  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.  RSSB builds industry-wide consensus and facilitates the resolution of difficult cross-industry issues. They provide knowledge, analysis, a substantial level of technical expertise, powerful information and risk management tools.  Rail Sentinel  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.   | If you have any queries re the registration  | catalogue of standards and controls documentation will be via a new  |
| This new site will be called the Network Rail Standards Portal.  |  | (interim) website.   |
| Network Rail Safety Central http://safety.networkrail.co.uk  Network Rail Safety Central http://safety.networkrail.co.uk  - free access  RSSB Close Call System www.closecallsystem.co.uk  - Register for access  Rail Safety and Standards Board http://www.rssb.co.uk  - Register for access to certain documents  Rail Safety and Standards Board http://www.rsib.co.uk  - Register for access to certain documents  Rail Sentinel https://www.railsentinel.co.uk/ - registered companies only  Network Rail Standards Portal by completing this registration form as soon as you can, so that your new log in account can be set up.  Network Rail Standards Portal by completing this registration form as soon as you can, so that your new log in account can be set up.  The site is your one-stop shop of safety information, advice, resources and useful contacts, designed to promote consistency and best practice across the whole rail industry. The information is divided under the following sections:  - Alerts & Campaign Material - Communication & Health - Commitment & Rules - Safety Groups - On Site Solutions - Toolbox  At the request of Network Rail and its contractors, RSSB has developed a new intermet-based system that will allow the industry to centrally record and analyse 'Close Call incidents'. This is known as the Close Call System.  RSSB builds industry-wide consensus and facilitates the resolution of difficult cross-industry issues. They provide knowledge, analysis, a substantial level of technical expertise, powerful information and risk management tools.  Rail Sentinel https://www.railsentinel.co.uk/ - registered companies only  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Independent railway accidents and incidents on the UK's railways to   |  | This new site will be called the Network Rail Standards Portal.  |
| Email: nrgcivils@networkrail.co.uk  Network Rail Safety Central http://safety.networkrail.co.uk  — free access  The site is your one-stop shop of safety information, advice, resources and useful contacts, designed to promote consistency and best practice across the whole rail industry. The information is divided under the following sections:  — Alerts & Campaign Material — Communication & Health — Commitment & Rules — Safety Groups — On Site Solutions — Toolbox  RSSB Close Call System  www.closecallsystem.co.uk — Register for access  Rail Safety and Standards Board http://www.rssb.co.uk — Register for access to certain documents  Rail Sentinel  https://www.raib.gov.uk/ — free access  Rail Sentinel  https://www.raib.gov.uk/ — free access  At the request of Network Rail and its contractors, RSSB has developed a new internet-based system that will allow the industry to centrally record and analyse 'Close Call incidents'. This is known as the Close Call System.  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.  Sentinel Scheme Rules  The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Office of Rail and Road  http://orr.gov.uk/ — free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to   |  |  |
| The site is your one-stop shop of safety information, advice, resources and useful contacts, designed to promote consistency and best practice across the whole rail industry. The information is divided under the following sections:   Alerts & Campaign Material   Communication & Health  |  |  |
| and useful contacts, designed to promote consistency and best practice across the whole rail industry. The information is divided under the following sections:  • Alerts & Campaign Material • Communication & Health • Comminication • Altherith • Comminication • At the request of Network Rail and its contractors, RSSB has developed a new internet-based system that will allow the industry • Close Call industry-wide conse | Email: nrgcivils@networkrail.co.uk           | soon as you can, so that your new log in account can be set up.  |
| practice across the whole rail industry. The information is divided under the following sections:  Alerts & Campaign Material Communication & Health Commitment & Rules Safety Groups On Site Solutions Toolbox  At the request of Network Rail and its contractors, RSSB has developed a new internet-based system that will allow the industry to centrally record and analyse 'Close Call incidents'. This is known as the Close Call System. Rail Safety and Standards Board http://www.rssb.co.uk Register for access to certain documents RSSB builds industry-wide consensus and facilitates the resolution of difficult cross-industry issues. They provide knowledge, analysis, a substantial level of technical expertise, powerful information and risk management tools.  Rail Sentinel https://www.railsentinel.co.uk/ - registered companies only  Sentinel Scheme Rules The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch http://www.raib.gov.uk/ - free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to  |  |  |
| the following sections:  Alerts & Campaign Material Communication & Health Communication & Health Commitment & Rules Safety Groups On Site Solutions Toolbox  At the request of Network Rail and its contractors, RSSB has developed a new internet-based system that will allow the industry to centrally record and analyse 'Close Call incidents'. This is known as the Close Call System.  Rail Safety and Standards Board Attp://www.rssb.co.uk Register for access to certain documents RSSB builds industry-wide consensus and facilitates the resolution of difficult cross-industry issues. They provide knowledge, analysis, a substantial level of technical expertise, powerful information and risk management tools.  Sentinel Scheme Rules The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Office of Rail and Road Attp://orr.gov.uk/ - free access  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch Attp://www.raib.gov.uk/ - free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to   |  |  |
| Alerts & Campaign Material     Communication & Health     Commitment & Rules     Safety Groups     On Site Solutions     Toolbox  At the request of Network Rail and its contractors, RSSB has developed a new internet-based system that will allow the industry to centrally record and analyse 'Close Call incidents'. This is known as the Close Call System.  Rail Safety and Standards Board http://www.rssb.co.uk     Register for access to certain documents  Rail Sentinel https://www.railsentinel.co.uk/ - registered companies only  Sentinel Scheme Rules  The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch http://www.raib.gov.uk/ - free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to  | - free access                                |  |
| Communication & Health     Commitment & Rules     Safety Groups     On Site Solutions     Toolbox      At the request of Network Rail and its contractors, RSSB has developed a new internet-based system that will allow the industry to centrally record and analyse 'Close Call incidents'. This is known as the Close Call System.      Rail Safety and Standards Board http://www.rssb.co.uk     Register for access to certain documents     Register for access to certain documents      Rail Sentinel https://www.railsentinel.co.uk/ – registered companies only      Sentinel Scheme Rules      The latest copy of the scheme rules can be found here: Sentinel Scheme Rules      Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch http://www.raib.gov.uk/ – free access      Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to  |  |  |
| Commitment & Rules     Safety Groups     On Site Solutions     Toolbox  RSSB Close Call System     www.closecallsystem.co.uk     Register for access  Rail Safety and Standards Board     http://www.rssb.co.uk     Register for access to certain documents  Rail Sentinel     https://www.railsentinel.co.uk/ – registered companies only  Rail Accident Investigation Branch     http://www.raib.gov.uk/     - free access  Rail Accident Investigation Branch     http://www.raib.gov.uk/     - free access  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.  Sentinel Scheme Rules  The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road     Network.  Rail Accident Investigation Branch     http://www.raib.gov.uk/     - free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to   |  |  |
| Safety Groups     On Site Solutions     Toolbox  At the request of Network Rail and its contractors, RSSB has developed a new internet-based system that will allow the industry to centrally record and analyse 'Close Call incidents'. This is known as the Close Call System.  Rail Safety and Standards Board http://www.rssb.co.uk     Register for access to certain documents  RSSB builds industry-wide consensus and facilitates the resolution of difficult cross-industry issues. They provide knowledge, analysis, a substantial level of technical expertise, powerful information and risk management tools.  Rail Sentinel https://www.railsentinel.co.uk/ - registered companies only  Sentinel Scheme Rules  The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Office of Rail and Road http://orr.gov.uk/ - free access  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch http://www.raib.gov.uk/ - free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to   |  |  |
| RSSB Close Call System www.closecallsystem.co.uk Register for access  Rail Safety and Standards Board http://www.rssb.co.uk Register for access to certain documents  Rail Sentinel https://www.railsentinel.co.uk/ – registered companies only  Rail Accident Investigation Branch http://www.raib.gov.uk/ - free access  Rail Accident Investigation Branch http://www.raib.gov.uk/ - free access  At the request of Network Rail and its contractors, RSSB has developed a new internet-based system that will allow the industry to centrally record and analyse 'Close Call incidents'. This is known as the Close Call System.  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.  Sentinel Scheme Rules  The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch http://www.raib.gov.uk/ - free access   |  |  |
| RSSB Close Call System  www.closecallsystem.co.uk  - Register for access  Rail Safety and Standards Board http://www.rssb.co.uk  - Register for access to certain documents  Rail Sentinel https://www.railsentinel.co.uk/ - registered companies only  Office of Rail and Road http://orr.gov.uk/ - free access  At the request of Network Rail and its contractors, RSSB has developed a new internet-based system that will allow the industry to centrally record and analyse 'Close Call incidents'. This is known as the Close Call System.  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.  Sentinel Scheme Rules  The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch http://www.raib.gov.uk/ - free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to   |  |  |
| RSSB Close Call System www.closecallsystem.co.uk - Register for access  Rail Safety and Standards Board http://www.rssb.co.uk - Register for access to certain documents  Rail Sentinel https://www.railsentinel.co.uk/ - registered companies only  Rail and Road http://orr.gov.uk/ - free access  At the request of Network Rail and its contractors, RSSB has developed a new internet-based system that will allow the industry to centrally record and analyse 'Close Call incidents'. This is known as the Close Call System.  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.  Sentinel Scheme Rules  The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Office of Rail and Road http://orr.gov.uk/ - free access  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch http://www.raib.gov.uk/ - free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to  |  |  |
| developed a new internet-based system that will allow the industry to centrally record and analyse 'Close Call incidents'. This is known as the Close Call System.    Rail Safety and Standards Board http://www.rssb.co.uk  |  | • TOOIDOX  |
| centrally record and analyse 'Close Call incidents'. This is known as the Close Call System.  Rail Safety and Standards Board http://www.rssb.co.uk  Register for access to certain documents  Rail Sentinel https://www.railsentinel.co.uk/ – registered companies only  Sentinel Scheme Rules The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Office of Rail and Road http://orr.gov.uk/ – free access  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch http://www.raib.gov.uk/ – free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to   |  |  |
| Rail Safety and Standards Board <a href="http://www.rssb.co.uk">http://www.rssb.co.uk</a> Register for access to certain documents  Rail Sentinel <a href="https://www.railsentinel.co.uk/">https://www.railsentinel.co.uk/</a> — registered companies only  Sentinel Scheme Rules The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch http://www.raib.gov.uk/ — free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to  |  |  |
| Rail Safety and Standards Board  | Register for access                          |  |
| http://www.rssb.co.uk  Rail Sentinel https://www.railsentinel.co.uk/ – registered companies only  Sentinel Scheme Rules The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Office of Rail and Road http://orr.gov.uk/ – free access  Rail Accident Investigation Branch http://www.raib.gov.uk/ – free access  difficult cross-industry issues. They provide knowledge, analysis, a substantial level of technical expertise, powerful information and risk management tools.  Sentinel Scheme Rules  The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch http://www.raib.gov.uk/ – free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to  |  | ·  |
| - Register for access to certain documents  substantial level of technical expertise, powerful information and risk management tools.  Rail Sentinel  https://www.railsentinel.co.uk/ - registered companies only  Sentinel Scheme Rules  The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Office of Rail and Road  http://orr.gov.uk/  - free access  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch  http://www.raib.gov.uk/  - free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to   |  |  |
| Rail Sentinel https://www.railsentinel.co.uk/ – registered companies only  Sentinel Scheme Rules The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch http://www.raib.gov.uk/ – free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to  |  |  |
| Rail Sentinel https://www.railsentinel.co.uk/ – registered companies only  Sentinel Scheme Rules The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Office of Rail and Road http://orr.gov.uk/ – free access  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch http://www.raib.gov.uk/ – free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to  | - register for access to certain documents   |  |
| https://www.railsentinel.co.uk/ – registered companies only  The latest copy of the scheme rules can be found here: Sentinel Scheme Rules  Office of Rail and Road http://orr.gov.uk/ – free access  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch http://www.raib.gov.uk/ – free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to  |  | , and the second |
| Office of Rail and Road http://orr.gov.uk/ - free access  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch http://www.raib.gov.uk/ - free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to   |  |  |
| Office of Rail and Road  http://orr.gov.uk/ — free access Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network. Rail Accident Investigation Branch http://www.raib.gov.uk/ — free access Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to   | nttps://www.railsentinei.co.uk/ – registered |  |
| http://orr.gov.uk/ - free access  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch http://www.raib.gov.uk/ - free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to   | Companies only                               | Scheme Rules   |
| http://orr.gov.uk/ - free access  Independent safety and economic regulator for Britain's railways, and monitor of performance and efficiency for England's Strategic Road Network.  Rail Accident Investigation Branch http://www.raib.gov.uk/ - free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to   | Office of Rail and Road                      |  |
| <ul> <li>free access</li> <li>monitor of performance and efficiency for England's Strategic Road Network.</li> <li>Rail Accident Investigation Branch <a href="http://www.raib.gov.uk/">http://www.raib.gov.uk/</a></li> <li>free access</li> <li>Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to</li> </ul>   |  |  |
| Rail Accident Investigation Branch <a href="http://www.raib.gov.uk/">http://www.raib.gov.uk/</a> Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to   |  | monitor of performance and efficiency for England's Strategic Road   |
| http://www.raib.gov.uk/ - free access  Independent railway accident investigation organisation for the UK. It investigates railway accidents and incidents on the UK's railways to   |  | Network.   |
| - free access investigates railway accidents and incidents on the UK's railways to   |  |  |
|  |  |  |
| improve safety, not to establish blame.  | - tree access                                |  |
|  |  | improve salety, not to establish blame.  |
|  | 1100 000000                                  |  |

#### **Useful Links**





#### Item

#### **Railway Group Standards**

https://www.rssb.co.uk/standards-catalogue

free access with registration

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

#### **Purchasing Railway Group Standards**

A copy of the order form can be found in the forms section of the RGS Catalogue or from the RGSONLINE website stated above. You will need the following details in order to complete the form:

- Railway Group Standards code and title
- Quantity
- Price
- Purchaser's full name, business, address and telephone number
- Credit card details, cheque or purchase order number

Then fax or post it to Willsons Printers Limited at the address below.

Please ensure that you include your credit card details, purchase order or a cheque made payable to Willsons Printers. Payments can also be made by BACS - please contact Willsons for company bank details. Orders received will be dispatched within five working days.

#### **Purchasing National Operations Publications**

National Operations Publications are Railway Group Standards which set out mandatory requirements for direct application in the workplace. These include:

- Modular Rule Book (GERT8000)
- Working Manual for Rail Staff: Handling and Carriage of Dangerous Goods (GORM3053)
- Working Manual for Rail Staff: Freight Train Operators (GORM3056)
- Rule Book Forms

Details of these documents can be found in the sections 'Document Titles and Descriptions' for Traffic Operation and Management.

As these documents are subject to frequent change, amendments which do not justify the reissue of the module or section of the working manual are published in GERT8001, Changes to National Operations Publications.

Willsons Printers Limited supplies the modules and handbooks which make up the Modular Rule Book, Working Manual and Rule Book forms. You can order these documents by contacting **Denise Atkinson** at **Willsons Printers Limited** at the address below:

Willsons Printers Limited Highlander House Cross Street, Newark Nottinghamshire, NG24 1PP

Tel: 01636702334 Fax: 01636701396

http://www.willsonshop.com

## M&EE Networking Group Codes of Practice

https://www.rssb.co.uk/standardscatalogue#stakeholder-publications

## Refine results by selecting Lead Committee

The M&EE Networking Group is a non profit making group dedicated to the sharing of professional engineering and railway operations information and to provide a focus to the rail industry relating to operational and technical safety of plant. The group is a meeting of the professional heads of mechanical and electrical engineering and operations from infrastructure contractors, Network Rail, RSSB, the Rail Plant Association, London Underground and elected representatives from other infrastructure renewal companies, plant owners, and manufacturers/suppliers of plant and technical services.

The M&EE Networking Group produces Codes of Practice and other documents as good practice for all members of the industry.





#### **Other Bulletins**

#### **Track Safety Alliance**

A few videos of interest at the Track Safety Alliance website: <a href="http://www.tracksafetyalliance.co.uk/videos/65/">http://www.tracksafetyalliance.co.uk/videos/65/</a>

#### Southern Shield

#### **Everyone Home Safe Every Day**

Southern Shield is a collaborative safety forum that consists of Network Rail Infrastructure Projects Southern Region and its principal contractors. There are many more useful links on their website <a href="https://www.southernshield.co.uk/">https://www.southernshield.co.uk/</a>

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

#### **Electrical Safety Step Up**

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

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

#### **Drugs and Alcohol standard (supplier page)**

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

#### What's changing?

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

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







#### Miscellaneous

**OFFICIAL** 

## Safety Bulletin



#### Colleague on Open Line

Issued to: Scotland's Railway colleagues

& Principal Contractors

Ref: SRB23-19L Date of issue: 26/10/2023

Location: Monktonhall Junction

ECM8 5m 1655y

Contact: Chris Lyall, Health & Safety

Manager



#### Overview

A colleague, who was acting as Controller of Site Safety (COSS) and Protection Controller (PC) for a work group and site, was given authority to place additional protection for a line block.

The colleague placed a stop board on the wrong side of a set of points and was therefore on an open line. A few minutes later a train struck the stop board and came to a stand. The driver reported this to the signaller and a Mobile Operations Manager (MOM) attended site.

The colleague was clear of the line and the work group were in a position of safety at the time. This event is subject to a detailed investigation.

#### **Discussion Points**

What information is available to check the limits of your Safe Work Packs (SWP)?

How do you and your teams plan and discuss worksite limits?

What should you do if you are unsure about something when on or near the line?

Always check and confirm the protection limits of your SWP before going on or near the line

Never deviate from the planned SWP.

Always 'take 5' and move to a position of safety if you are unsure.

Part of our group of Safety Bulletins Safety Alert

Safety Bulletin Safety Advice Shared Learning





## Safety Advice

Action required following a serious incident



#### Contractor Attacked by Member of Public

| Ref:           | WWB23 - 13                   |
|----------------|------------------------------|
| Date of Issue: | 5th Sept 2023                |
| Location:      | Hullavington<br>SWB 94m 20ch |
| Contact:       | Robert Warren 07395389768    |



#### Overview

On Tuesday 5th Sept at approximately 22:00 at Hullavington access point, contractors working on behalf of Network Rail Maintenance reported an incident when a member of the public had confronted and threatened them with a machete. Fortunately the contractor was not hurt during this incident. The police were called and armed response team arrived and arrested the member of public. The Police and BTP are investigating the incident and further details will be sent out in due course.

#### Immediate Action Required:

- Keep yourself safe at all times, avoid physical confrontations and dial 999 if you feel under threat.
- Carry out a dynamic risk assessment before getting out of your vehicle (who's about, what have you been called to attend etc). If in doubt request police attendance and don't leave the van.
- For any suspicious activity around the railways that you feel needs immediate
  response or investigation contact the British Transport Police. Trust your instincts, you know your
  workplaces best. If something doesn't seem right, report it.
  Tel 0800 40 50 40 Text 61016.







## Safety Bulletin



## European Hornet

| Ref:                      | WWB 23-14                        |  |
|---------------------------|----------------------------------|--|
| Date of Issue: 26/09/2023 |                                  |  |
| Location:                 | Little Mill— General Awareness   |  |
| Contact:                  | Damon.Carberry@networkrail.co.uk |  |



#### Overview

Recently there was an incident at Little Mill Signal Box, due to the presence of European Hornets. Britain's largest social wasp, the European Hornet is native to the UK and Europe, as well as being established in both North and South America. European hornets are considered social insects that live in colonies with around 200 to 400 members within each colony. Unlike the matriarchal organisation of honey bees, European hornets reproduction is actually controlled by the workers rather than the Queen's overall pheromone control.

The fear surrounding hornets has originated from their unsightly appearance. Their dramatic yellow, orange and red colourways are starkly different to the black and yellow markings that we are used to seeing on bees, wasps and hoverflies. However, this fear is largely unjustified - especially as they are actually calm beings that won't attack unless provoked. They are night fliers and often hunt at night, but are seen during daylight hours too.

European hornets build their nests from chewed up wood pulp, resulting in a paper-like cellulose appearance. European hornets typically build their nests in dark places like hollow trees, barns, outbuildings, abandoned beehives, attics and hollow walls of houses. Hornets generally do not attack unless absolutely necessary—usually this happens if a person(s) encroaches within six feet of the hive.

#### Discussion Points:

- What indicators do you look for when assessing a site for possible animal or insect hazards?
- Do you identify persons with known medical conditions at your workplace —this can be at any location and not just trackside activities.
- What are your first aid provisions? Are they adequate?
- 4. Although quite rare, would you be able to recognise the signs and symptoms of anaphylactic shock? Would you know what to do?







2023/128/IA OFFICIAL SENSITIVE









#### Intel Alert

Survey equipment theft update - 20/10/23

There has been a spike in the number of survey equipment thefts reported to Crime Intelligence (CI) in recent weeks. In the last 3 weeks the number of reports of survey equipment theft has more than doubled compared to the prior 3 weeks. The average cost of survey equipment theft incidents also increased during August and September, indicating that increased levels of organisation are being implemented by criminal groups who target these items.

During August, the average cost per incident according to data reported to CI was £22604 (up from £18380 in July) and in September it was £24925. Total stations are the most targeted piece of equipment and are commonly stolen with an additional piece of equipment, like laser levels, controllers, radars, as well as the tripods they are usually attached to.

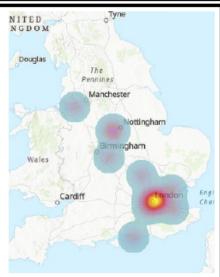
~84% of the incidents reported to CI between the start of July and end of September were from south eastern parts of England and ~63% were from London boroughs. Interestingly, Mondays and Tuesdays are the most reported days of the week when thefts are committed and often occur in daylight hours.

Equipment is often stolen from work sites, as well as vehicles, and 2-4 intruders are usually involved in the thefts—with at least 1 taking the equipment and another in a waiting vehicle. If the equipment is locked away, whether it's in a secure vehicle or storage facility on site, intruders have been known to forcibly gain entry. In 1 incident reported on the 2nd October, from Hayes, it was reported that a technician was also threatened with a crowbar during a robbery at their work site.

It is thought that offenders scout work sites and follow worker's vehicles prior to committing a theft. Intruders usually cover their face with either masks/balaclavas, and recently reported getaway vehicles range from Audis, Volvos and Ford Focus/C-Max. If the intruder is wearing a face mask, there have also been reports where they are wearing hi-vis clothing and give the appearance of a legitimate worker on site.

If staff or contractors are currently undertaking surveys, or there are plans for staff or contractors to survey sites in the near future, conducting security reviews on what controls are in place to prevent theft is advised. Some manufacturers fit their equipment with trackers, and if these items are also forensically marked then it will help prove ownership if a recovery is made.

If you would like any security advice, or have any similar incidents to report, please do not hesitate to get in touch with <a href="mailto:crime.intelligence@detertech.com">crime.intelligence@detertech.com</a> or <a href="mailto:opal@westmercia.police.uk">opal@westmercia.police.uk</a>



Survey equipment thefts reported to CI during start of July to end of September 2023





Previous examples of intruders impersonating legitimate workers and a drive by robbery of total stations







## Damage to 10 - Core Cable During De-Veg Works

#### **Event Details**

On 19th September 2023 at approximately 08:55 hours, a team of operatives working on the Biggleswade site were carrying out de-veg works using a brush cutter and hedge trimmer, when they struck and damaged a 10-core cable in two places; the operatives were unaware they had damaged the cable

A Network Rail fault team and Mobile
Operations Manager attended site to manage
the situation but the damage had already
caused trains to be delayed and cancelled, with
many passengers along the route being
affected.



Damaged 10-core cable

#### **Discussion Points**

- When working lineside always consider risks associated with the operational infrastructure
- Ensure a SSOW is in place for the works you are carrying out
- Does your task briefing sheet cover the works you are about to carry out? If not, what is your best course of action?
- As managers have you considered all the hazards & risks associated with your works? If not, 'Take 5' and reassess the works.
- What other tools / equipment do you need to use before cutting vegetation down to the surface, close to troughing or surface cables?
- As managers, are you submitting all the works into the Racecard? Works not identified on the racecard should not be carried out

GRA0202-FOR-00004 Bulletin No. ALT178
Date: 21/09/23







# Securing Loads Are You Compliant?



#### Sharing our recent experience

Earlier in September, a member of staff was driving a Flatbed vehicle near Scunthorpe and was tailed by a black BMW estate car. After 15 minutes of motorway and 'B-road' driving, the BMW deployed its siren and blue lights and pulled the driver over. The Police Officer was carrying out vehicle checks on the safe securing of loads. He told our driver that prohibition tickets were being issued "day in, day out" to those who are not compliant. He provided positive feedback to our driver on the security of his load.

#### **Best Practice**

- All loads must be secure regardless of what vehicle they're on, size, type, and the length of journey. This
  helps protect not only people involved in loading, unloading, and driving the vehicle, but other road
  users, people on sites and pedestrians.
- Unsecured loads affect the handling of the vehicle, increase braking distances, and increase the risk
  of rollover. Loose loads can hit anything and are unpredictable.
- Staff involved with planning the loads and users such as drivers and operatives should be aware of the specific equipment, trained in the safe methods used to secure loads and know what to do in the event a load becomes unsecure.
- Pre-use checks must be carried out on the full vehicle and key load bearing points.
- Loads should only be secured using straps and/or chains and never a cab/trailer mounted crane(HIAB).
- Staff should be aware of the safe working loads on vehicles and not exceed them.
- If a load becomes unsafe in transit drivers should slow down, avoiding heavy braking and steering and stop in a safe place. Journeys should not continue until loads are secure and vehicle is deemed safe.

#### **Key Points**

- Always risk assess loads being taken to and from site
- Check the vehicle carrying the load is suitable for the task
- Pre-use checks must be carried out on all vehicles/plant (before using any road vehicles remember the Police will also check tyres, lights, wipers etc)
- Ensure those involved in transporting operations are aware of procedures, trained and know what to do in the event of a load becoming unstable.
- Remember, securing loads is a legal requirement under the road traffic 1988 and H&S law.

Keeping our colleagues and fellow road users safe on the road is a fundamental priority when we transport equipment and materials to sites to help keep our railways running.

- Do you pay enough attention to how secure loads are?
- Could you pay more attention?

Rob Kent, Operations Director Kent Group







## **SIEMENS**

Audience: Siemens Mobility Limited, Rail Infrastructure

FF/024/2023

## EHS Fast Facts Alert

Subject: De-Vegetation Leg Injury – Hedge Trimmer

09 2023

At approx. 10.30 on Monday  $25^{th}$  September 2023, a Civils team were carrying out vegetation clearance on a section of the ECDP Welwyn to Hitchin Project route.

During this task, an operative was using a single sided hedge trimmer (as shown in photo) when it made contact with their left thigh resulting in a laceration that required hospital treatment. The operative is reported to be in good spirits and it is hoped that they will make a speedy recovery. All vegetation clearance activities on the project have been suspended until further notice.

A full investigation is currently underway and any learning outcomes will be fully shared once complete. However in the meantime, the following actions must be taken on all projects immediately before any other hedge trimmers are used:

- · Regional Construction Manager to:
  - · Review the task specific risk assessment
  - · Approve that this is the correct tool for the task
  - · Check competency of the operatives to use the tool
  - · Ensure that any task specific PPE is on site with the operative(s)
  - Confirm that all operatives involved in the task have been briefed on recent incidents involving these tools, and fully understood the learning outcomes

#reflecthonestly – do you know how to use any work equipment and have the right PPE the for task?

#offerwithoutfear – are you reporting unsafe conditions and applying stop work when anything changes?



#### Discussion Points

- When planning an activity is there a safer method that could be used (i.e. consider machine mounted or other mechanical means)?
- Is there a suitable & sufficient risk assessment in place for the activity and do the details in TBS cover the activity sufficiently?
- 3. Has the worksite been adequately assessed prior to starting work?
- 4. Are you using the right tools and PPE for the activity?
- Are Managers/Supervisors performing regular checks to ensure safe practice is being followed?
- Are we recognising, reporting unsafe condition and applying stop work when anything changes – remember our 4 Steps to Zero Harm?

Think

Feel
Be fit for work

Be fit for work

Always receive briefing before starting work

Always receive conditions

Stop work when anything changes

Restricted © Siemens Mobility Limited 2023. All Rights Reserved. Document is UNCONTROLLED if downloaded or printed. Region - Derby Project – East Coast Digital Programme (Welwyn to Hitchin)

Delivery Director – Marc Levitsky Senior Project Manager – Kevin Gormley Author – Andrew Tudor (EHS Advisor)

Contact information For more information about this report please contact andy.tudor@siemens.com

UKI-RI-HS-TM-006









## **Health and safety alert**

#### IP Struck by Excavator

| Date of incident    | 04 October 2023          | Incident type  | RIDDOR         |
|---------------------|--------------------------|----------------|----------------|
| Incident ref number | INC17097                 | Contractor     | EKFB           |
| Location            | Small Dean Viaduct, NC2A | Keyword search | Plant, people. |
| Category            | Safety                   |                |                |



#### Summary of incident



A team had been carrying out excavation and backfilling works on the A413 as part of utility diversion works. During the tidy-up operation the excavator operator repositioned the machine and the ground anchor blade struck the Injured Person's (IP) foot.



#### **Initial Findings**

The incident occurred towards the end of the night shift (first of 4 nights) as the team were preparing to hand back the highway. A restriction zone was in place. The IP entered the plant 'red zone'. Task lighting was in place.

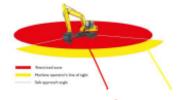




#### Actions

Works were stopped immediately, and 999 and EKFB's Security Operations Centre were called. An ambulance and FPOS (First Person on Scene) arrived at the scene and assessed the IP. The IP was then taken to hospital via ambulance. The highway was cleaned and handed back late.

- Always follow the Safe System of Work.
- Never enter a red zone until a machine has been made safe. Remain in the yellow zone until you have received two thumbs up from the operator.
- Maintain good communication between all members of the work group at all times.
- Familiarise your teams with the Safe Plant Operation and The Safe Approach handbooks.



Red Zone - Entry prohibited unless the machine is completely isolated, and a safe system is in place.

Yellow Zone - The pedestrian must remain in this zone until Two Thumbs Up have been given by both machine operator and the pedestrian.

[Document reference number]

Lessons learned template

Rev: PXX Date of revision: 05/10/2023 Page 1 of 1





## **SIEMENS**

Audience: Siemens Mobility Limited, Rail Infrastructure

## EHS Fast Facts Alert

Subject: Possession Irregularity (near miss).

October 2023

At approximately 02:18am on Sunday 8th October, two Siemens teams were involved in a near miss with a GTR passenger train (IP008) on route from King's Cross to Peterborough on the East Coast Main Line (ECML).

The teams were carrying out FTNx fibre cable prep works in a lineside 'Stakka Box' at ECM1 72m 10ch (Yaxley) on the ECML.

The teams were working on a two line section of railway. The initial protection arrangements consisted of one line under possession and one line under line blockage between trains, prior to the all lines possession. When the line blockage was handed back the team incorrectly believed they were still covered under the possession arrangements.

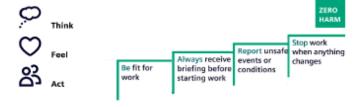
It was after giving back this line block to let a passenger train through that the incident (near miss) occurred.

The project is currently stood down and subject to an ongoing investigation.



#### Discussion Points

- Responsible Managers Are your staff familiar with their work locations? If not, how do you ensure that they will be?
- Responsible Managers Do your teams fully understand the protection arrangements, and have you tested this?
- 3. Responsible Managers Do you believe the number of Safe Work Packs issued to your teams are manageable?
- 4. COSSs Do you know your location relative to the protection arrangements?
- COSSs Do you have the equipment and time to adequately check and verify your SWP (Minimum Tablet size 7\*)?



Restricted © Siemens Mobility Limited 2023. All Rights Reserved. Document is UNCONTROLLED if downloaded or printed.

Welwyn to Hitchen (ECDP)

Delivery Director: Marc Levitsky Senior Project Manager: Kevin Gormley Author: Mike Sharp

UKI-RI-HS-TM-006



### Toolbox Talk - Environment

### Ecology - Oak Processionary Moth

#### What?

- Caterpillars of the Oak Processionary Moth (OPM) are a pest which can be a hazard to the health of people.
- The greatest risk period is May to July, but nests should always be avoided.
- They have been recorded in the following IMDM areas, but may be elsewhere:
  - Clapham
- Reading
- Croydon
- Saltley
- Euston
- Tottenham
- London Bridge
- ◆Wessex Inner
- Orpington
- Bedford

### Why?

 Their tiny hairs can be blown about by the wind and cause itchy skin rashes, eye and throat irritations and, occasionally, breathing difficulties.

### DO

- √ Keep away from caterpillars
- ✓ Report any suspected sightings immediately and stop work when safe to do so
- ✓ Use EcoReporter app and send to opm@forestrycommission.gov.uk
- ✓ Call NHS111 or seek medical advice for serious allergic reactions

#### DON'T

- Start work on a suspected tree until all OPM eggs, nests and caterpillars have been removed and destroyed.
- Process or remove arisings from site without written authorisation from the Forestry Commission opm@forestrycommission.gov.uk

V3 2020

For further information please contact a member of the Environment Team





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

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





## **Bridgeway Calendar 2024/25**



# 2024

### **RAIL & CIVIL ENGINEERS**

**Exceeding Expectations Everywhere** 

**AC ISOLATIONS** 

**RAIL TRAINING &** 

ASSESSMENT

MONITORING

AERIAL VEHICLE



#### **Bridgeway Consulting Limited**



**ENABLING WORKS** 













26 27 28

Network Rail period end

29

CONFINED SPACES

Bank Holiday (England and Wales)

**STRUCTURES EXAMINATIONS** 



**ROPE ACCESS** 

DIVING

30

31

29



WINDOW SAMPLING



**ROTARY DRILLING** 



27 28



29

**ASSURANCE & COMPLIANCE SERVICES** 

© Bridgeway Consulting Ltd. 2024