Standards, Regulations and Legislation as detailed in RPA Standards and Legislation Register- are checked for any new issues, withdrawals, derogations etc. RGS can be found electronically at www.rssb.co.uk and Business Standards at www.ihs.co.uk the new standard or changed standard are reviewed to determine its effect on RPA Members. The summary notes are used for this purpose before reading the complete standard to see if is applicable to RPA Members.

Below is a list of the changes to NWR Standard, Legislation/HS, Code of Practice, Rule Books and Posters that are new issue have been amended since the last update or require compliance before the next standards review.

Changes in line with Standards Review - Jun 22 QMS-P02-F02 Issue 64

Review Date 6th June 2022

NWR Standard:

1. NR-CAT-STP-001 - Catalogue of Network Rail Standards 04 June 2022 to 02 September 2022 Issue 124
2. NR-GN-RMVP-0200 - Infrastructure Plant Manual Guidance issue 2
3. NR-L2-RMVP-0200 - Infrastructure Plant Manual issue 11
   - NR-L2-RMVP-0200-P100 - Reporting and Investigation of Plant Related Events issue 04
   - NR-L2-RMVP-0200-P101 - Monitoring Plant Activities issue 04
   - NR-L2-RMVP-0200-P102 - Plant Occupational Health issue 04
   - NR-L2-RMVP-0200-P300 - Plant Approval and Design issue 05
   - NR-L2-RMVP-0200-P301 - Road Rail Access Points (RRAP) issue 04
   - NR-L2-RMVP-0200-P500 - Competence, Training and Fitness for Plant Operations issue 04
   - NR-L2-RMVP-0200-P501 - Systems of Work issue 05
   - NR-L2-RMVP-0200-P503 - Lifting Operations issue 05
   - NR-L2-RMVP-0200-P505 - Safe Working with Plant issue 04
   - NR-L2-RMVP-0200-P506 - On-Track Machines issue 04
   - NR-L2-RMVP-0200-P508 - Mobile Elevating Work Platforms (MEWPs) issue 04
   - NR-L2-RMVP-0200-P509 - Trailers and Wheeled Attachments issue 04
   - NR-L2-RMVP-0200-P511 - Vegetation Management issue 04
   - NR-L2-RMVP-0200-P513 - Mobile Plant (Non-Rail Mounted) and Road Vehicles issue 04
   - NR-L2-RMVP-0200-P514 - Hand-Controlled Trolleys issue 05
   - NR-L2-RMVP-0200-P515 - Portable and Transportable Plant issue 04
   - NR-L2-RMVP-0200-P700 - Plant Maintenance issue 04
4. NR-L3-MTC-RCS0216 - Risk Control Manual issue 03
   - NR-L3-MTC-RCS0216-MP01 - Risk Control Manual - Use & Control of On Track Plant (OTP) issue 05
   - NR-L3-MTC-RCS0216-MP07 - Risk Control Manual - Use of OTP with Attachments issue 03

Legislation/HSE

1,   None

Code of Practice

1,   None

Rule Book

1,   None

Posters

1,   None

Standards planned for publishing or drafted and due for consultation in the next period.

NWR Standard

1,   NR-CAT-STP-001 - Catalogue of Network Rail Standards 04 June 2022 to 02 September 2022 Issue 124

This document is intended as a guide to Network Rail Standards, current, as of the date of publication.

2,   NR-GN-RMVP-0200 - Infrastructure Plant Manual Guidance

Purpose: This guidance note supports the NR/L2/RMVP/0200 modules when using plant for the installation, renewal and maintenance of Network Rail's managed infrastructure.

Application of this guidance note will support a safe working environment, compliance with statutory legislation and Network Rail's Health and Safety Management System.

Scope: This guidance note can be applied to all Network Rail functions and its contractors when using plant described as;

a) on-track machines;
b) on-track plant;
c) portable and transportable plant;
d) mobile plant and road vehicles.

For infrastructure related activities, including but not limited to the installation, renewal, maintenance, inspection and measurement of the infrastructure and its components.

Overview of change: This is the second issue of the guidance note. The content of the guidance note consists of good working practice details derived from the NR/L2/RMVP/0200 Module review.

The review of the document has been undertaken to incorporate lessons learned from recommendations, incidents, accidents and other safety related events involving plant. This demonstrates continual improvement and the application of new processes and procedures to guide plant safety

Details for change: The content of the guidance note follows the requirements set out in the modules of the Level 2 document and has been updated to match the changes made in those modules.

The following items have been included:

•   Investigations – Update to good practice for undertaking investigations and how to gather evidence.

- Defect reporting – Update to good practice for the methods of defect reporting on all plant assets.
- Monitoring plant activities – Update to best practice for the methods of assurance and monitoring plant activities.
- Occupational health – Update to good practice for the management and surveillance of occupational health risks associated with plant.
- Plant approval and design – overview of plant approval processes and guidance on Network Rail requirements for design.
- Quick hitches – Update to good practice for the use of quick hitch systems on Network Rail Managed Infrastructure.
- Planning – Update to good practice for the planning of all plant assets, including site visits, plans, site lighting requirements etc.
- Lifting activities – Update to good practice for the planning of lifting activities with plant.
- MEWPs – Update to good practice for operations, emergency recovery and load calculations.
- Portable and transportable plant – Update to good practice in the management of portable and transportable plant.

Reasons for change: Periodic review requested by the Network Technical Head for Plant. Incorporation of closed recommendations.

3. **NR-L2-RMVP-0200 - Infrastructure Plant Manual issue 11**

- **NR-L2-RMVP-0200-P100 - Reporting and Investigation of Plant Related Events issue 04**
- **NR-L2-RMVP-0200-P101 - Monitoring Plant Activities issue 04**
- **NR-L2-RMVP-0200-P102 - Plant Occupational Health issue 04**
- **NR-L2-RMVP-0200-P300 - Plant Approval and Design issue 05**
- **NR-L2-RMVP-0200-P301 - Road Rail Access Points (RRAP) issue 04**
- **NR-L2-RMVP-0200-P500 - Competence, Training and Fitness for Plant Operations issue 04**
- **NR-L2-RMVP-0200-P501 - Systems of Work issue 05**
- **NR-L2-RMVP-0200-P503 - Lifting Operations issue 05**
- **NR-L2-RMVP-0200-P505 - Safe Working with Plant issue 04**
- **NR-L2-RMVP-0200-P506 - On-Track Machines issue 04**
- **NR-L2-RMVP-0200-P508 - Mobile Elevating Work Platforms (MEWPs) issue 04**
- **NR-L2-RMVP-0200-P509 - Trailers and Wheeled Attachments issue 04**
- **NR-L2-RMVP-0200-P511 - Vegetation Management issue 04**
- **NR-L2-RMVP-0200-P513 - Mobile Plant (Non-Rail Mounted) and Road Vehicles issue 04**
- **NR-L2-RMVP-0200-P514 - Hand-Controlled Trolleys issue 05**
- **NR-L2-RMVP-0200-P515 - Portable and Transportable Plant issue 04**
- **NR-L2-RMVP-0200-P700 - Plant Maintenance issue 04**

Purpose: The manual details the requirements and guidance when using plant for the installation, renewal and maintenance of Network Rail's managed infrastructure.
Application of this manual will support a safe working environment, compliance with statutory legislation and Network Rail's Health and Safety Management System.

Scope: This guidance note can be applied to all Network Rail functions and its contractors when using plant described as;

a) on-track machines;
b) on-track plant;

c) portable and transportable plant;
d) mobile plant and road vehicles.

For infrastructure related activities, including but not limited to the installation, renewal, maintenance, inspection and measurement of the infrastructure and its components.

Overview of change: The review of the document has been undertaken to incorporate lessons learned from recommendations, incidents, accidents and other safety related events involving plant. This demonstrates continual improvement and the application of new processes and procedures to improve plant safety.

Some modules have been reduced by amalgamating similar content into relevant modules. This will improve the ability of the reader to follow the correct processes when planning, operating and maintaining plant.

The historic focus of the modules has been on On -Track Plant, and the review has continued to expand the scope to include all plant that might operate on or near the infrastructure. Standards titles have been reviewed and amended as required. Module P521 – On Track Plant Operations Scheme has not been included in this revision, P521 will be revised separately.

Detail of change:

Module Number & Title	Summary of changes
NR/L2/RMVP/0200	Definitions updated
P100 Reporting and investigating plant related events	General update of terminology and correcting standard titles referenced. Added content relating to preservation of evidence when investigating plant events. Added requirement to include collisions in RIS-3350-TOM reporting.
P101 Monitoring plant activities	General update of terminology and correcting standard titles referenced. Added a revised recommended percentage of shifts to review as part of an assurance plan. Revised content covering continual improvement
P102 Plant occupational health	General update of terminology and correcting standard titles referenced. Revised section relating to planning considerations. Moved content order around to make the document flow better.
P300 Plant approval and design	General update of terminology and correcting standard titles referenced. Revised content on identification and documentation of plant. Amended section to include Type 0D attachments.
P301 Road rail access points	General update of terminology and correcting standard titles referenced. Removed redundant tables. Revised section to include runaway risk. Added figure numbers to examples in the appendices.
P500 Competence and fitness	General update of terminology and correcting standard titles referenced. Removed redundant tables. Revised module title to include plant operations. Revised module to match requirements of NR/L2/CTM/025.
P501 Systems of work	General update of terminology and correcting standard titles referenced. Removed redundant tables. Revised section to include runaway risk. Added figure numbers to examples in the appendices.

P503 Lifting operations	General update of terminology and correcting standard titles referenced. Revised section to align with BS7121. Included updated information on thimbling and cropping of rail.
P505 Safe working with plant	General update of terminology and correcting standard titles referenced. Revised section regarding on/off tracking. Updated section on transiting in a worksite. Revised sections on movement over points and exclusion zones.
P506 On-track machines	General update of terminology and correcting standard titles referenced. Revised several standard references with new versions. Replaced references to OTP with OTM. Reference made to 'loading gauge'
P508 Mobile elevating work platforms (MEWP)	General update of terminology and correcting standard titles referenced. Revised reference with more emphasis on fall restraint and not fall arrest. Additional requirement to have an emergency recovery plan.
P509 Trailers and wheeled attachments	General update of terminology and correcting standard titles referenced. Revised section to reference RIS-1710-PLT. Updated section to include checking ECC for personnel carriers.
P511 Vegetation management	General update of terminology and correcting standard titles referenced. Revised wording on brush cutter and shredder requirements. Included Reference to ALO working. Some photographs changed.
P513 Mobile plant (non-rail mounted) and road vehicles	General update of terminology and correcting standard titles referenced. Removed references to RRV and OTM. Amended some requirements to 'red' clauses. Moved content order around to make the document flow better.
P514 Hand-controlled trolleys	General update of terminology and correcting standard titles referenced. Updated section to include consideration of runaway risk. Added requirement to use MPRH with matching model numbers
P515 Portable & transportable plant	General update of terminology and correcting standard titles referenced. Updated reference to the disposal of redundant assets.
P700 Plant maintenance	General update of terminology and correcting standard titles referenced. Added requirements for maintaining MEWP anchor points. Improved section regarding LOLER examinations.

Reasons for change: Periodic review requested by the Network Technical Head for Plant. Incorporation of closed recommendations.

4. **NR-L3-MTC-RCS0216 - Risk Control Manual issue 03**

   • **NR-L3-MTC-RCS0216-MP01 - Risk Control Manual - Use & Control of On Track Plant (OTP) issue 05**
   • **NR-L3-MTC-RCS0216-MP07 - Risk Control Manual - Use of OTP with Attachments issue 03**

Purpose: This standard provides the index and version control of risk control sheets that mitigate risks associated with general activities, general hazards, small plant, mobile plant, live working and functional activities (track/signalling etc) within Maintenance.

Each risk control sheet provides a summary of the key hazards and controls identified within a standard work activity risk assessment. Risk control sheets standardise safe working arrangements across Network Rail's Maintenance function.

NOTE: The risk control sheet format is the preferred means to communicate risk controls to work teams.

Scope: This standard applies to any Infrastructure Maintenance staff from any discipline when carrying out routine or non -routine tasks identified within the index.

Overview of change: The Task Risk Control Sheets MP01–Safe use of OTP, and MP07–Use of OTP with attachments, provide clarity for those involved in the safe use On-Track Plant (OTP). The update included additional control measures e.g., Duplex comms and introduced the role of POS Representative in line with current OTP operations.

Detail of change:

Section(s)/clause(s)	Summary of changes
MP01	
All tasks	Added the definition of a suitable exclusion zone as being the OTP's maximum working radius + length of any load (irrespective of orientation of the load) or 10m unless a specific activity or attachment stipulates a required exclusion zone
Overturning/collision	Added requirement that RCI and MLD where fitted shall be in the correct mode and in use
Movement of OTP	Replaced superseded rule book requirement with the updated instruction for OTP movement speeds.
Communications	Changed the requirement from back-to-back radios to Duplex comms
General	Removed references to the Train Operations Manual (TOM)
MP07	
Injury to staff	Added requirement to wear ear protection in the vicinity of ballast brush operations
Injury to staff	New requirement to never attempt to reach into any part of an attachment whilst it is powered.
Loading/unloading	Added requirement that RCI and MLD where fitted shall be in the correct mode and in use
Struck by machine	New requirement not to approach a Ballast Broom if it is sweeping ballast or travelling. Personnel shall remain at least 30m away forward of the broom and not closer than 10m from the sides.
Fouling an open line	Updated to include the requirement for an ALO Plan to protect adjacent line when operations may foul

Reasons for change: Periodic review requested by the Network Technical Head for Plant. The TRCSs were revised to provide an update on the movements of OTP, a quantified distance for an exclusion zone around working OTP and to incorporate recommendations from accident investigations.

An incident occurred on Wessex route in February 2021 whereby a machine controller working with a ballast brush lost an eye when a piece of ballast was projected through the ballast brush skirt and hit the machine controller in the face. The incident is under investigation by the ORR. Part of the investigation has identified a number of deficiencies/anomalies with TRCS's pertaining to OTP operation particularly with respect to appropriate exclusion zone distances for certain activities. This is an update of the appropriate TRCS's to provide clear guidance

1, **None**

Code of Practice

1.   **None**

Rule Book

1.   **None**

Synopsis

Summary Of Changes

Posters

1.   **None**