

Justification:
Instruction

***(Design, Maintenance
& Operations)***

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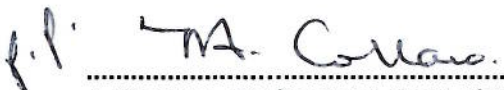
AUTHORISATION

Authorised by:

**Private Owner
Circular Letter
639 Issue 22**

Title

**Railway Group
Standards**



J. Allenden, Professional Head of Plant and T&RS

Issue	Date	Amendment
22	April 2013	Changes as a result of Railway Group Standards March 2013 catalogue alterations.

1. INTRODUCTION

POCL 639 was produced in order to streamline and simplify matters by removing individual references to Railway Group Standards within POCLs. As such it mandates the contractual link to those Railway Group Standards applicable to PWRA members (see Appendix A).

2. CHANGES FROM POCL 639, ISSUE 21A

POCL 639, Issue 22 has been produced following recent updates to Railway Group Standards. There have been 5 new documents; 6 have been withdrawn and 18 have been up-issued within the Railway Group Standards March 2013 catalogue:

New:

RIS-2706-RST, Issue 1 "Rail industry standard for recording rolling stock data"

RIS-2773-RST, Issue 1 "Format for vehicle gauging data"

GO/RT 3053, Issue 4 "Working manual for rail staff handling and carriage of dangerous goods- Contents and glossary"

GO/RT 3056, Issue 3 "Working manual for rail staff freight train operations – Contents and glossary"

GO/RT 3056–3 Issue 1 "Working manual for rail staff freight train operations – Appendix 3- Exceptional load RT3973 forms"

Withdrawn:

GO/RM 3053, Issue 3 "Working manual for rail staff handling and carriage of dangerous goods- Contents and glossary"

GO/RM 3056, Issue 2 "Working manual for rail staff freight train operations – Contents and glossary"

GO/RT 3056-A, Issue 2 "Working manual for rail staff freight train operations – Introduction and classification of freight trains"

GO/RT 3056-F "Working manual for rail staff freight train operations – Incidents"

GO/RT 3056-G "Working manual for rail staff freight train operations – Safe loading of freight"

GO/RT 3056-H "Working manual for rail staff freight train operations – International traffic"

Up-issued:

GO/RT 3053-1 Issue 6 "Working manual for rail staff handling and carriage of dangerous goods- Appendix 1- List of dangerous goods with their united nations number , Dangerous goods class and their TOPS commodity code"

GO/RT 3053-2 Issue 5 "Working manual for rail staff handling and carriage of dangerous goods- Appendix 2 – Bulk traffic dangerous goods, wagon and container separation distance requirements/prohibitions"

GO/RT 3053-A Issue 4 "Working manual for rail staff handling and carriage of dangerous goods- classification, acceptance and identification"

GO/RT 3053-B Issue 4 "Working manual for rail staff handling and carriage of dangerous goods- hazard identification"

GO/RT 3053-C Issue 4 "Working manual for rail staff handling and carriage of dangerous goods-Marshalling, movement and loading"

GO/RT 3053-F Issue 5 "Working manual for rail staff handling and carriage of dangerous goods-Fires and incidents involving dangerous goods"

GO/RT 3056-1, Issue 2 "Working manual for rail staff freight train operations – Appendix 1 – conversion chart SLUs-Metres-Feet"

GO/RT 3056-2, Issue 2 "Working manual for rail staff freight train operations – Appendix 2 – Exceptional load code words"

GO/RT 3056-B, Issue 3 "Working manual for rail staff freight train operations – Marshalling and composition of freight trains"

GO/RT 3056-C, Issue 3 "Working manual for rail staff freight train operations – Principles of safe freight train operation"

GO/RT 3056-D, Issue 3 "Working manual for rail staff freight train operations – Defective vehicles"

GO/RT 3056-E, Issue 3 "Working manual for rail staff freight train operations – Movement of freight trains"

GO/RT 3056-J, Issue 2 "Working manual for rail staff freight train operations – Intermodal traffic"

GO/RT 3056-K, Issue 2 "Working manual for rail staff freight train operations – Vehicles requiring special conditions of travel"

GO/RT 3436, Issue 3 "Information for safe train operation"

GO/GN 3653 Issue 2 "Guidance for safe freight train operation"

GO/GN 3676, Issue 3 "Guidance on the carriage of dangerous goods by rail"

GT/RT 8000 Rule book (Various changes to sections as a result of the above alterations)

3. INSTRUCTION

Owners need to be aware of (and comply) with all applicable Railway Group Standards. To assist Owners in ensuring compliance with Railway Group Standards those that are now 'linked' via POCL 639 have their applicability shown as follows:

- 3.1 Design (including Modifications)
Refer to Table 1 of Appendix A.
- 3.2 Operational Issues
Refer to Table 2 of Appendix A.
- 3.3 Maintenance
Refer to Table 3 of Appendix A.

Railway Group Standards are available on the Rail Safety & Standards Board (RSSB) website at: www.rgsonline.co.uk

4. **SCOPE**

This POCL is applicable to all PWRA members.

5. **IMPLEMENTATION**

This document shall be implemented immediately.

In the event of any query arising, or clarification required, please contact:

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POCL 639, Issue 22 (APPENDIX A) RAILWAY GROUP STANDARDS APPLICABLE TO PWRA MEMBERS

Table 1 - Railway Group Standards Applicable to Design (including Modifications)

RGS	Issue	Title
GK/RT0028	1	Infrastructure Based Train Detection Interface Requirements
GM/TT0088	1	Permissible Track Forces for Railway Vehicles
GK/GN0612	1	Guidance on Signalling Lockout Systems to Protect Railway Undertaking Personnel
GK/GN0628	1	Guidance on Infrastructure Based Train Detection Interface Requirements
GM/RT1041	1	Warning Signs and Notices for Electrified Lines
GM/RT2000	3	Engineering Acceptance of Rail Vehicles
GM/RT2001	2	Design Scrutiny for the Engineering Acceptance of Rail Vehicles
GM/RT2040	1	Calculation of Brake Force Data for Rolling Stock Library
GM/RT2043	2	Braking System and Performance for Freight Trains
GM/RT2045	3	Braking Principles for Rail Vehicles
GM/RT2100	5	Requirements for Railway Vehicle Structures
GM/RT2141	3	Resistance of Railway Vehicles to Derailment and Roll-Over
GM/RT2142	3	Resistance of Railway Vehicles to Roll-Over in Gales
GM/RT2149	3	Requirements for Defining and Maintaining the Size of Railway Vehicles
GM/RT2185	2	Train Safety Systems
GM/RT2190	3	Compatibility Requirements for Rail Vehicle Couplings and Interconnectors
GM/RT2304	3	Equipotential Bonding of Rail Vehicles to Running Rail Potential
GM/RT2307	1	Self Contained Electrical Power Supply Systems Fitted to Infrastructure Support Vehicles
GM/RT2450	1	Qualification of Suppliers of Safety Critical Engineering Products and Services
GM/RT2453	2	Registration, Identification and Data to be Displayed on Rail Vehicles
GM/RT2466	3	Railway Wheelsets
GM/RT2483	1	Visibility Requirements for Trains
GM/RC2494	2	Recommendations for Railway Wheelset Design
GM/GN2498	1	Guidance on Wheelset Handling, Storage and Transportation
GM/RC2510	1	Code of Practice for the Acceptance Testing of Rail Vehicles
GM/RC2513	1	Commentary on Permissible Track Forces for Railway Vehicles
GM/RC2514	3	Recommendations for Equipotential Bonding of Rail Vehicles to Running Rail Potential
GM/RC2515	1	Engineering Development of Rail Vehicles – Code of Practice
GM/RC2542	1	Recommendations for Determination of Aerodynamic Rolling Moment Coefficient
GM/GN2559	1	Railtrack Approved Code of Practice: Safe Testing of Rail Vehicles on Railtrack Controlled Infrastructure
GM/GN2561	2	Guidance Note: Compliance with Railway Group Standards – New Railway Vehicles
GM/RC/2641	2	Recommendations for Vehicle Static Testing
GM/GN2650	1	Guidance on Vehicle Interconnector and Coupling Compatibility
GM/GN2685	1	Guidance on Lifting, Jacking, Recovery and Emergency Movement of Rail Vehicles
GM/GN2686	1	Guidance on Rail Vehicle Bodyshell, Bogie and Suspension Elements
GM/GN2688	1	Guidance on the Structural Design of Rail Freight Wagons including Rail Tank Wagons
GM/GN2689	2	Guidance on Mechanical Coupling of Rail Vehicles
GM/GN2695	1	Guidance on Testing of Wheel Slide Protection Systems fitted on Rail Vehicles
GE/RT8006	2	Assessment of Compatibility of Rail Vehicle Weights and Underline Bridges
GE/RT8014	2	Axlebox Condition Monitoring – Hot Axlebox Detection
GE/RT8073	2	Requirements for the Application of Standard Vehicle Gauges.
GE/RT8270	2	Assessment of Compatibility of Rolling Stock and Infrastructure
GE/RT8025	1	Electrical Protective Provisions for Electrified Lines

POCL 639, Issue 22 (APPENDIX A) RAILWAY GROUP STANDARDS APPLICABLE TO PWRA MEMBERS

RGS	Issue	Title
GE/GN8565	1	Guidance on the Retention of Design Information for the Validation of Technical Change and Configuration Management
GE/GN8573	3	Guidance on Gauging.
GE/GN8614	1	Guidance on Axlebox Condition Monitoring – Hot Axlebox Detection

POCL 639, Issue 22 (APPENDIX A) RAILWAY GROUP STANDARDS APPLICABLE TO PWRA MEMBERS

Table 2 - Railway Group Standards Applicable to Operational Issues

RGS	Issue	Title
GK/RT0212	1	Signalling Lockout Systems to Protect Railway Undertaking Personnel
GM/RT2273	3	Post Incident and Post Accident Testing of Vehicles
GM/RT2453	2	Registration, Identification and Data to be Displayed on Rail Vehicles
GM/RT2466	3	Railway Wheelsets
GM/GN 2497	1	Railway Wheelset Tread, Gauging and Damage Identification
GM/GN2498	1	Guidance on Wheelset Handling, Storage and Transportation
GM/R2559	1	Railtrack Approved Code of Practice: Safe Testing of Rail Vehicles on Railtrack Controlled Infrastructure
GM/GN2571	1	Guidance on the Storage and Recommissioning of Traction and Rolling Stock
GO/RM3053	3	Working Manual for Rail Staff: handling and carriage of dangerous goods— contents and glossary(CANCELLED – WITHDRAWN)
GO/RT3053	4	Working Manual for Rail Staff: handling and carriage of dangerous goods— contents and glossary (NEW DOCUMENT now incorporates GO/RM3053)
GO/RT3053-1	6	Working Manual for Rail Staff: handling and carriage of dangerous goods - Appendix 1: List of dangerous goods with their united nations number , Dangerous goods class and their TOPS commodity code
GO/RT 3053-2	5	Working manual for rail staff handling and carriage of dangerous goods- Appendix 2 – Bulk traffic dangerous goods, wagon and container separation distance requirements/prohibitions
GO/RT 3053-A	4	Working manual for rail staff handling and carriage of dangerous goods- classification, acceptance and identification
GO/RT 3053-B	4	Working manual for rail staff handling and carriage of dangerous goods- hazard identification
GO/RT 3053-C	4	Working manual for rail staff handling and carriage of dangerous goods-Marshalling, movement and loading
GO/RT 3053-F	5	Working manual for rail staff handling and carriage of dangerous goods-Fires and incidents involving dangerous goods
GO/RM3056	2	Working Manual for Rail Staff: Freight Train Operations (CANCELLED – WITHDRAWN)
GO/RT3056	3	Working Manual for Rail Staff: Freight Train Operations – contents and glossary (NEW DOCUMENT now incorporates GO/RM3056)
GO/RT3056-1	2	Appendix 1: Conversion Chart, SLU's – metres - feet
GO/RT3056-2	2	Appendix 2: Exceptional Load Code Words
GO/RT3056-3	1	Appendix 3: Exceptional Load – RT3973 forms (NEW DOCUMENT)
GO/RT3056-A	2	Introduction and Classification of Freight Trains(CANCELLED – WITHDRAWN)
GO/RT3056/B	3	Marshalling and Composition of Freight Trains
GO/RT3056/C	3	Principles of Safe Freight Train Operation
GO/RT3056/D	3	Defective Vehicles
GO/RT3056/E	3	Movement of Freight Trains
GO/RT3056/F	2	Incidents(CANCELLED – WITHDRAWN)
GO/RT3056/G	2	Safe Loading of Freight(CANCELLED – WITHDRAWN)
GO/RT3056/H	1	International Traffic(CANCELLED – WITHDRAWN)
GO/RT3056/J	2	Intermodal Traffic
GO/RT3056/K	3	Vehicles Requiring Special Conditions of Travel
GO/RT3119	3	Accident and Incident Investigation
GO/RT3279	7	High Visibility Clothing
GO/RT3350	5	Communication of Urgent Operational Advice
GO/RT3421	3	Dangerous Goods – Rail Conditions of Acceptance
GO/RT3437	6	Defective On-Train Equipment
GO/GN3519	3	Guidance on Accident and Incident Investigation
GO/RT 3436	3	Information for safe train operation
GO/RC3537	5	Recommendations for Defective On-Train Equipment
GO/GN3653	2	Guidance for Safe Freight Train Operation
GO/GN3676	3	Guidance on the Carriage of Dangerous Goods by Rail

POCL 639, Issue 22 (APPENDIX A) RAILWAY GROUP STANDARDS APPLICABLE TO PWRA MEMBERS

RGS	Issue	Title
GE/RT8000	-	Rule Book
GE/RT8014	2	Axlebox Condition Monitoring – Hot Axlebox Detection
GE/RT8024	1	Persons Working On or Near to AC Electrified Lines
GE/RT8047	5	Reporting of Safety Related Information
GE/RT8070	3	Testing Railway Safety Critical Workers for Drugs and Alcohol
GE/RT8250	2	Reporting High Risk Defects
GE/GN8532	4	Guidance on Railway Fog Signals (now known as 'Signals, Railway Track, Explosive')
GE/GN8570	2	Guidance on the Management of Drugs and Alcohol
GE/GN8614	1	Guidance on Axlebox Condition Monitoring – Hot Axlebox Detection
GE/GN8642	1	Guidance on Identifying Hazards and Assessing Risk
GE/GN8643	1	Guidance on Reducing Risk

Table 3 - Railway Group Standards Applicable to Maintenance

RGS	Issue	Title
GK/GN0612	1	Guidance on Signalling Lockout Systems to Protect Railway Undertaking Personnel
GM/RT2004	5	Rail Vehicle Maintenance
GM/RT2149	3	Requirements for Defining and Maintaining the Size of Railway Vehicles
GM/RT2450	1	Qualification of Suppliers of Safety Critical Engineering Products and Services
GM/RT2466	3	Railway Wheelsets
GM/RC2495	1	Recommendations for Railway Wheelset Manufacture and Assembly
GM/RC2496	2	Recommendations for Railway Wheelset Maintenance
GM/GN2497	1	Railway Wheelset Tread, Gauging and Damage Identification
GM/GN2498	1	Guidance on Wheelset Handling, Storage and Transportation
GM/GN2571	1	Guidance on the Storage and Recommissioning of Traction and Rolling Stock
GM/GN2646	1	Guidance on Axle Bearing Maintenance
RIS-2701-RST	1	Rail Industry Standard for NDT Processes on Rail Vehicles
RIS-2702-RST	1	Rail Industry Standard for In-Service Examination and Reference Limits for Freight Wagons
RIS-2705-RST	1	Rail Industry Standard for Crippling and Release of Freight Wagons
RIS-2706-RST	1	Rail Industry Standard for recording rolling stock data
RIS-2773-RST	1	Rail Industry Standard – Format for vehicle gauging data
GO/RT3437	6	Defective On-Train Equipment
GO/RC3537	5	Recommendations for Defective On-Train Equipment
GO/GN3655	1	Guidance on Medical Fitness for Railway Safety Critical Workers
GE/RT8047	5	Reporting of Safety Related Information
GE/RT8250	2	Reporting High Risk Defects
GE/RT8270	2	Assessment of Compatibility of Rolling Stock and Infrastructure
GE/GN8573	3	Guidance on Gauging

Changes in the RGS March 2013 Catalogue issue are shown as blocked in grey.