

## Standards Activity Report: July 2020

This activity report lists updates to standards published by the Asset Standards Authority during July 2020.

For further information or queries, please contact [standards@transport.nsw.gov.au](mailto:standards@transport.nsw.gov.au)

Reference number	Title	Discipline	Version	Date issued or withdrawn	Comments
T HR RS 00100 ST	RSU 100 Series - Minimum Operating Standards for Rolling Stock - General Interface Requirements	Rolling stock	2.0	2/07/2020	Technical note TN 012: 2020 added. Removal of TN 022: 2019.
T MU AM 02002 TI	Asset Classification System	Asset Management	1.45	2/07/2020	Revision.
TS 13000	Road rail vehicle and small plant recertification database	Rolling stock	301.0	3/07/2020	Revision.
TS 13000	Road rail vehicle and small plant recertification database	Rolling stock	302.0	10/07/2020	Revision.
T HR SS 80001 ST	Infrastructure Lighting	Stations & Buildings	3.0	14/07/2020	New Issue. Supersedes T HR SS 80001 ST v2.0
T HR SS 80001 ST	Infrastructure Lighting	Stations & Buildings	2.0	14/07/2020	Superseded by T HR SS 80001 ST v3.0
ESG 100	Signal Design Principles	Signals and Control Systems	1.32	15/07/2020	ESG 100 superseded - see appended technical note TN 014: 2020. Removal of TN 007: 2020 and TN 015: 2018.
T HR SC 10007 ST	Signalling Design Principle – Single Line Sections	Signals and Control Systems	1.0	15/07/2020	New Issue. Supersedes ESG 100.7 v1.1
ESG 100.7	Signalling Design Principle – Single Line Sections	Signals and Control Systems	1.1	15/07/2020	Superseded by T HR SC 10007 ST v1.0
T HR SC 10008 ST	Signalling Design Principle – Bidirectional Signalling	Signals and Control Systems	1.0	15/07/2020	New Issue. Supersedes ESG 100.8 v1.2
ESG 100.8	Signalling Design Principle – Bi-Directional Signalling	Signals and Control Systems	1.2	15/07/2020	Superseded by T HR SC 10008 ST v1.0

Reference number	Title	Discipline	Version	Date issued or withdrawn	Comments
T HR SC 10010 ST	Signalling Design Principle – Locking Arrangements	Signals and Control Systems	1.0	15/07/2020	New Issue. Supersedes ESG 100.10 v1.3
ESG 100.10	Signalling Design Principle – Locking Arrangements	Signals and Control Systems	1.3	15/07/2020	Superseded by T HR SC 10010 ST v1.0
T HR SC 10011 ST	Signalling Design Principle – Approach Locking	Signals and Control Systems	1.0	15/07/2020	New Issue. Supersedes ESG 100.11 v1.4
ESG 100.11	Signalling Design Principle – Approach Locking	Signals and Control Systems	1.4	15/07/2020	Superseded by T HR SC 10011 ST v1.0
T HR SC 10012 ST	Signalling Design Principle – Route Holding	Signals and Control Systems	1.0	15/07/2020	New Issue. Supersedes ESG 100.12 v1.2
ESG 100.12	Signalling Design Principle – Route Holding	Signals and Control Systems	1.2	15/07/2020	Superseded by T HR SC 10012 ST v1.0
T HR SC 10016 ST	Signalling Design Principle – Controls and Indications	Signals and Control Systems	1.0	15/07/2020	New Issue. Supersedes ESG 100.16 v1.4
ESG 100.16	Signalling Design Principle – Controls and Indications	Signals and Control Systems	1.4	15/07/2020	Superseded by T HR SC 10016 ST v1.0
ESG 100.17	Signalling Design Principle – Track Circuits	Signals and Control Systems	2.2	15/07/2020	Withdrawn - see TN 014: 2020
T HR EL 20009 ST	Testing of HV AC and 1500 V DC Cables	Electrical	1.0	15/07/2020	New Issue. Supersedes EP 20 00 00 20 SP v3.0
EP 20 00 00 20 SP	Testing of High Voltage and 1500V DC Cables	Electrical	3.0	15/07/2020	Superseded by T HR EL 20009 ST v1.0
EP 20 00 00 20 SP FM 01	HV and 1500V dc Cable Commissioning Test Report	Electrical	1.0	15/07/2020	Withdrawn - refer to T HR EL 20009 ST v1.0, Appendix B
T HR RS 00812 ST	RSU Appendix A2 – Freight Vehicle Information Pack	Rolling stock	3.0	16/07/2020	New Issue. Supersedes T HR RS 00812 ST v2.0
T HR RS 00812 ST	RSU Appendix A2 – Freight Vehicle Information Pack	Rolling stock	2.0	16/07/2020	Superseded by T HR RS 00812 ST v3.0
TS 13000	Road rail vehicle and small plant recertification	Rolling stock	303.0	17/07/2020	Revision.

Reference number	Title	Discipline	Version	Date issued or withdrawn	Comments
	database				
PTA EL129 2017 R2.0	Screened 1C 150 sq mm 38/66kV with DTS FO application in accordance with T HR EL 20001 ST v1.0	Electrical	R2.0	20/07/2020	Electrical Type Approval. Supersedes PTA EL129 2017 v1.0
PTA EL216 2020 ver 2	1500 V DC metalclad enclosed switchgear	Electrical	2.0	21/07/2020	Electrical Type Approval. Supersedes PTA EL216 2020 v1.0
T HR SC 01250 SP	Signalling Interlocking and Traffic Management System Interface	Signals and Control Systems	2.0	21/07/2020	New Issue. Supersedes T HR SC 01250 SP v1.0
T HR SC 01250 SP	Interfaces Between Signalling and Control Systems	Signals and Control Systems	1.0	21/07/2020	Superseded by T HR SC 01250 SP v2.0
T HR EL 12009 SP	Hybrid Voltage Limiter	Electrical	1.0	21/07/2020	New issue.
TS 13000	Road rail vehicle and small plant recertification database	Rolling stock	304.0	22/07/2020	Revision.
PTA EL221 2020	Screened 1C 150 sq mm 38/66kV application in accordance with T HR EL 20001 ST v2.0	Electrical	1.0	27/07/2020	Electrical Type Approval. New issue.
PTA EL223 2020	Screened 1C 300 sq mm 6.35/11kV application in accordance with T HR EL 20001 ST v2.0	Electrical	1.0	27/07/2020	Electrical Type Approval. New issue.
T HR RS 00816 ST	RSU Appendix A6 - Road Rail Vehicle Information Pack	Rolling stock	4.0	28/07/2020	New Issue. Supersedes T HR RS 00816 ST v3.0
T HR RS 00816 ST	RSU Appendix A6 - Road Rail Vehicle Information Pack	Rolling stock	3.0	28/07/2020	Superseded by T HR RS 00816 ST v4.0
EP 00 00 00 07 SP	Requirements for Handling and Disposal of Material containing PCB	Electrical	3.1	28/07/2020	Becoming obsolete - no further updates required
ETN 01/03	Substation and Sectioning Hut Lighting	Electrical	1.0	28/07/2020	Withdrawn - for information only
ETN 01/08	RIC Electricity Supplies to SRA Stations	Electrical	1.0	28/07/2020	Withdrawn - for information only
ETN 04/01	Overhead Wiring - Composite Insulators - Deformation Due to Twisting - Fracture Due to Bending	Electrical	2.0	28/07/2020	Withdrawn - for information only

Reference number	Title	Discipline	Version	Date issued or withdrawn	Comments
ETN 07/06	Failure of 11kV Cable Termination on 11kV Ring Main Switchgear	Electrical	1.0	28/07/2020	Withdrawn - for information only
ETN 07/07	Climbing Poles - Potential Hazard from Failure of Fibreglass Guy Insulators	Electrical	1.0	28/07/2020	Withdrawn - for information only
ETN 07/15	HV Switchgear- Earth Switch Signage	Electrical	1.0	28/07/2020	Withdrawn - for information only
ETN 08/02	Insulated Portable Pantograph Gauges must be used	Electrical	1.0	28/07/2020	Withdrawn - for information only
ETN 08/16	Retrofitting Moulded Case Circuit Breakers to Chassis and Panels	Electrical	1.0	28/07/2020	Withdrawn - for information only
ETN 08/18	Installation of Seal Covers on Pulleys Wheels Used In OHW Weight Systems	Electrical	1.0	28/07/2020	Withdrawn - for information only
ETN 08/20	Dealing with OHW Double Contact Equalizer - Fitting 533	Electrical	1.0	28/07/2020	Withdrawn - for information only
ETN 09/01	New Forked Collar Sockets for Terminating OHW Contact Wire	Electrical	1.0	28/07/2020	Withdrawn - for information only
ETN 09/20	Flexible Cable between Rectifier Transformer and Rectifier Input	Electrical	1.0	28/07/2020	Withdrawn - for information only
ETN 09/22	Working on Protection Circuits in Operational Substations	Electrical	1.0	28/07/2020	Withdrawn - for information only
ETN 10/06	New Overhead Wiring Droppers	Electrical	3.0	28/07/2020	Withdrawn - for information only
ETN 11/04	Minimum Electrical Clearance for 1500V dc Overhead Wiring	Electrical	2.0	28/07/2020	Withdrawn - for information only
ETN 13/03	Wire Rope Slings for OHW Tension Regulators	Electrical	1.0	28/07/2020	Withdrawn - for information only
LOG711P	Inspection, Testing and Traceability	Electrical	2.1	28/07/2020	Withdrawn - for information only
PTA EL222 2020	Screened 3C 300 sq mm 19/33kV with LSOH sheath application in accordance with T HR EL 20001 ST v2.0	Electrical	1.0	29/07/2020	Electrical Type Approval. New issue.

Reference number	Title	Discipline	Version	Date issued or withdrawn	Comments
PTA EL224 2020	Screened 1C 300 sq mm 6.35/11kV with LSOH sheath application in accordance with T HR EL 20001 ST v2.0	Electrical	1.0	29/07/2020	Electrical Type Approval. New issue.
T LR SC 08001 ST	Rail Signalling Principles for Light Rail Networks	Signals and Control Systems	4.0	29/07/2020	New Issue. Supersedes T LR SC 08001 ST v3.0
T LR SC 08001 ST	Rail Signalling Principles for Light Rail Networks	Signals and Control Systems	3.0	29/07/2020	Superseded by T LR SC 08001 ST v4.0
TS 13000	Road rail vehicle and small plant recertification database	Rolling stock	305.0	31/07/2020	Revision.
T MU AM 01007 TI	Asset Reference Codes Register	Asset Management	1.76	31/07/2020	Revision.

Authorised for release by:

Director Network Standards and Services

Asset Standards Authority