

Changes to MTS Electrical Authorisations and Training

6 August 2024

Executive Summary

Due to changes to the MTS Electrical Network, we have undertaken a review and update of the MTS Electrical Safety Rules and Electrical Authorisations. –

This update included signification changes to the training requirements to work on the MTS Electrical Network.

[NWRLOTS-NRT-SWD-HV-SPC-720350 Electrical Authorisation](#)

Current Status

The MTS Electrical Safety Rules and MTS Electrical Authorisations documents have now been signed off and published.

A transition period of 3 months will be provided to allow persons to understand the changes, update their details on RIW and undertake any necessary training required to meet the new requirements.

All new Job Roles are available in RIW, your RIW Co-ordinator will be able to assign the required job roles. This will identify any required competencies.

Major Changes to Training Requirements

- All Electrical Roles now require Low Voltage Rescue, CPR, and First Aid - ESI.
- Permit Holders are no longer able to supervise works in a substation.
- The MTS Substation Supervisor Role is now required for supervision of works in Substations.
- Changes to Safety Critical Worker Medical Requirements

Permit Holder (New)

The Permit Holder course content has been updated.

Holders of both MTS Permit Holder and MTS Permit Holder – Restricted will be eligible for the new MTS Permit Holder Role.

Your RIW Co-ordinator will be able to directly assign this job role.

Substation Access (New)

Substation Access training has been updated to provide more information for those working within MTS Electrical Network Facilities.

Substation Access holders will now require : First Aid – ESI, CPR (cardiopulmonary resuscitation) and Low Voltage Rescue.

These 3 courses are available from most Registered Training Organisations as a half/full day training block.

Substation Supervisor

Substation Supervisor will be required for any persons supervising works within an MTS Electrical Network Facility. To hold an Electrical Permit to Work within a Substation, the Permit Holder will require Substation Supervisor or higher level of authorisation.

The training will include the following:

- First Aid – ESI, CPR (cardiopulmonary resuscitation) and Low Voltage Rescue
- 1hr E-Learning module (available via RIW – eLearn 194)
- On-the-job workbook completion [MTS Substation Supervisor – On-the-Job Workbook](#)
- Face-to-face Assessment

The On-the-job Workbook will require the candidate to undertake 4 on-the-job supervision tasks, while being directly supervised by someone currently authorised for the task. [MTS Substation Supervisor – On-the-Job Workbook](#)

MTS acknowledges that obtaining task approval from another Authorised Person may be challenging. For current MTS Permit Holders, upon completing the e-Learning Module, you may finalise your on-the-job workbook, attach the necessary evidence, and have your line manager approve the completion of each task.

The Face-to-face training will be conducted by Pipeline Training, please reach out to Pipeline Training Australia.

Old Role	New Role	Training Requirements
MTS Electrical Safety Awareness / Metro Introduction to Rail Safety	MTS Qualified Worker <i>(MTS – Operator)</i>	Direct transfer
Permit Holder (Restricted)	Permit Holder	Direct transfer
Authorised Electrical (Network) Worker inc. Restricted	Substation Access	Direct transfer
Substation Supervisor	Substation Supervisor	Direct transfer
Electrical Permit Holder (Permit Holder within Substations)	Substation Supervisor + Permit Holder	Substation Supervisor course will be run in conjunction with Permit Holder course during re-authorisation training