

# Traction Power Distribution

**Course Name**

Traction Power Distribution Maintenance - DC Specific Course

**Course Description**

This course is designed to train persons whose activities involve the basic maintenance of DC Traction Power Distribution engineering equipment. The person shall be likely to be in a team member role that needs to develop their competence in

Dist 1 Undertake preventative & corrective maintenance of the Traction Power Distribution systems and Dist 5 Inspect the Traction Power Distribution Infrastructure. The aim of the course is to develop the delegate's understanding of:

- HV Switchgear Maintenance
- LV AC Switchgear Maintenance
- Transformer Maintenance
- Rectifier Maintenance
- DC Switchgear Maintenance
- Traction Derived Supplies (geographically dependant)
- Safe working Practices

**Audience**

Distribution & Plant maintenance personnel

**Duration:** 4 Day(s) **Class Size:** 8

**Competence Name Awarded**

Undertake preventative & corrective maintenance of the Traction Power Distribution Systems. Undertake preventative & corrective maintenance of the Traction Power Distribution Systems. CTS and CTI Undertake preventative & corrective maintenance of the Traction Power Distribution Systems. DC Switchgear Undertake preventative & corrective maintenance of the Traction Power Distribution Systems. HV Switchgear Undertake preventative & corrective maintenance of the Traction Power Distribution Systems. LV AC Switchgear Undertake preventative & corrective maintenance of the Traction Power Distribution Systems. Rectifiers Undertake preventative & corrective maintenance of the Traction Power Distribution Systems. Transformers

**Competence Awarded**

Dist. 01, Dist. 01.03, Dist. 01.04, Dist. 01.05, Dist. 01.06, Dist. 01.07, Dist. 01.08

**Course Code**

Dist. 01, Dist. 01.03, Dist. 01.04, Dist. 01.05, Dist. 01.06, Dist. 01.07, Dist. 01.08

**Prerequisite Name**

Undertake installation, maintenance, modification and repair of L V electrical installations. First Aid for Electrical Accidents. Undertake preventative & corrective maintenance of the Traction Power Distribution Systems.

**Prerequisite Short Code**

Plant 01, FAEA, DIST 01

**Skills Assessment Scheme Regime****Course Type**

Face to Face - Personal Protective Equipment

**Download Date: 20/5/2024**