



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **UET30309 Certificate III in ESI - Rail Traction**

**Release: 1**

## **UET30309 Certificate III in ESI - Rail Traction**

### **Modification History**

Not Applicable

### **Description**

Not Applicable

### **Pathways Information**

Not Applicable

### **Licensing/Regulatory Information**

Not Applicable

### **Entry Requirements**

Not Applicable

### **Employability Skills Summary**

Not Applicable

## Packaging Rules

### Completion requirements

The requirements for granting this qualification will be met when competency is demonstrated and achieved for:

1. All the Core Units, **and**
2. A combination of Elective Units selected from Schedule 3 - Certificate III Units, where the sum of the weighting value is in accord with that assigned to this qualification and quantified below, **and**
3. All of any prerequisite requirements.

### Core Units All to be completed

UETTDREL01B	Apply environmental and sustainable energy procedures
UETTDREL02B	Operate plant and equipment near live electrical conductors/apparatus
UETTDREL04B	Working safely near live electrical apparatus as non electrical worker
UETTDRI12B	Install and maintain poles/structures and associated hardware
UETTDRI14B	Install and maintain overhead conductors and cables (poles and structures)
UETTDRT01B	Install overhead traction wiring systems
UETTDRT02B	Maintain overhead traction wiring systems
UETTDRT07B	Install overhead traction equipment and components
UETTDRT08B	Maintain overhead traction equipment and components
UEENEEE001B	Apply OHS practices in the workplace
UEENEEE002B	Dismantle, assemble and fabricate electrotechnology components
UEENEEE003B	Solve problems in extra-low voltage, single path circuits
UEENEEE004B	Solve problems in multiple path DC circuits
UEENEEE005B	Fix and secure equipment
UEENEEE007B	Use drawings, diagrams, schedules and manuals
UEENEEG001B	Solve problems in electromagnetic circuits

UEENEEG002B Solve problems in single and three phase low voltage circuits

**Electives Units: Acquire any combination of Elective Group Units having a total sum of at least 360 weighting points from Schedule 3 - Certificate III Units.**

**Core Units in this Qualification cannot be included. Schedule 3 forms part of this qualification structure.**

**And all of any prerequisite requirements acquired.**

## **Certificate III in ESI Cable Jointing**

**National Qualification No**

**UET30409**

### **Completion requirements**

The requirements for granting this qualification will be met when competency is demonstrated and achieved for:

1. All the Core Units, **and**
2. A combination of Elective Units selected from Schedule 3 - Certificate III Units, where the sum of the weighting value is in accord with that assigned to this qualification and quantified below, **and**
3. All of any prerequisite requirements.

### **Core Units All to be completed**

UETTDRCJ01B	Lay electrical cables
UETTDRCJ06B	Install and maintain de-energised LV underground polymeric cables
UETTDRCJ07B	Install and maintain de-energised HV underground polymeric cables
UETTDREL01B	Apply environmental and sustainable energy procedures
UETTDREL02B	Operate plant and equipment near live electrical conductors/apparatus
UETTDREL04B	Working safely near live electrical apparatus as non electrical worker
UETTDRI01B	Install electrical equipment (network infrastructure)
UETTDRI02B	Maintain electrical equipment (network infrastructure)
UEENEEE001B	Apply OHS practices in the workplace

UEENEEE002B	Dismantle, assemble and fabricate electrotechnology components
UEENEEE003B	Solve problems in extra-low voltage, single path circuits
UEENEEE004B	Solve problems in multiple path DC circuits
UEENEEE005B	Fix and secure equipment
UEENEEE007B	Use drawings, diagrams, schedules and manuals
UEENEEG001B	Solve problems in electromagnetic circuits
UEENEEG002B	Solve problems in single and three phase low voltage circuits

**Electives Units: Acquire any combination of Elective Group Units having a total sum of at least 450 weighting points from Schedule 3 - Certificate III Units.**

**Core Units in this Qualification cannot be included. Schedule 3 forms part of this qualification structure.**

**And all of any prerequisite requirements acquired.**

## **Certificate IV**