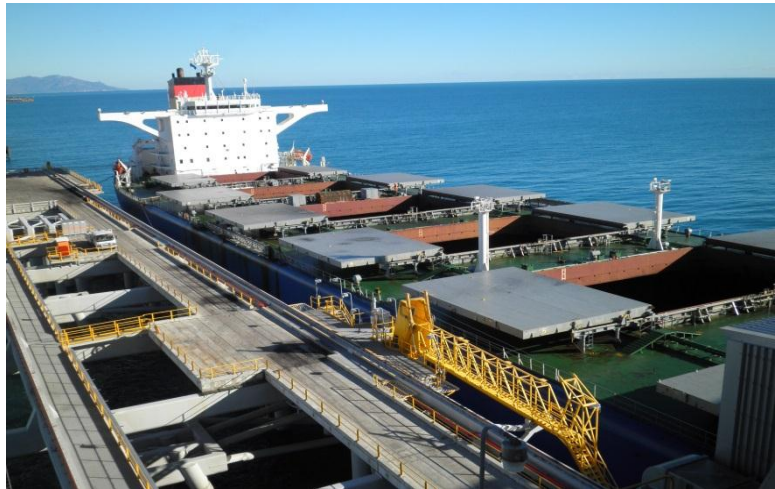


**Trained in accordance with AS/NZS 4761.1 - Competencies for working with electrical equipment for hazardous areas**



### Target Audience

The installation, Maintenance & Detailed Inspections course is a specialised skill set directly aimed at electrical tradesperson, supervisors or engineers who's job entails the installation, maintenance and inspection of electrical and instrumentation equipment in and near potentially hazardous areas.

### Course Content

This course provides the basic knowledge and skills required to install, maintain, test, inspect and repair explosion protected electrical equipment in hazardous areas (potentially explosive gas laden or dust laden atmospheres). The course includes interactive presentations, oral delivery and written assessments in a training room environment followed by practical exercises in a simulated hazardous area electrical installation environment

### Units of Competency

UEENEEM080A	Report on the integrity of explosion-protected equipment in a hazardous area
UEENEEM019A	Attend to breakdowns in hazardous areas – coal mining
UEENEEM020A	Attend to breakdowns in hazardous areas – gas atmospheres
UEENEEM021A	Attend to breakdowns in hazardous areas – dust atmospheres
UEENEEM022A	Attend to breakdowns in hazardous areas – pressurization
UEENEEM023A	Install explosion-protected equipment and wiring systems-coal mining
UEENEEM024A	Install explosion-protected equipment and wiring systems-gas atmospheres
UEENEEM025A	Install explosion-protected equipment and wiring systems-dust atmospheres
UEENEEM026A	Install explosion-protected equipment and wiring systems-pressurization
UEENEEM027A	Maintain equipment in hazardous areas – coal mining
UEENEEM028A	Maintain equipment in hazardous areas – gas atmospheres
UEENEEM029A	Maintain equipment in hazardous areas – dust atmospheres
UEENEEM030A	Maintain equipment in hazardous areas – pressurization
UEENEEM038A	Conduct testing of hazardous area installations-coal mining
UEENEEM039A	Conduct testing of hazardous area installations-gas atmospheres
UEENEEM040A	Conduct testing of hazardous area installations-dust atmospheres
UEENEEM041A	Conduct testing of hazardous area installations-pressurization
UEENEEM042A	Conduct visual inspection of hazardous area installations
UEENEEM043A	Conduct detailed inspections of hazardous area installations-coal mining
UEENEEM044A	Conduct detailed inspections of hazardous area installations-gas atmospheres
UEENEEM045A	Conduct detailed inspections of hazardous area installations-dust atmospheres
UEENEEM046A	Conduct detailed inspections of hazardous area installations-pressurization



### Duration:

**Full Course:** Approx. 16 hours  
Online Study + 2 days face to face  
**Refresher:** 2 days face to face

### Price

\$1,980 GST Not Applicable

### Prerequisites

Certificate III in Electrotechnology or equivalent award of Statement of Attainment. Apprentice electricians with tertiary electrical qualifications are eligible for award of Statement of Completion.

### Assessment

Assessments consist of online multiple choice and short answer questions. Face to face training consists of written assessments and practical components delivered and assessed at our purpose built facility. When training is conducted onsite, practical assessments can be completed on accessible apparatus. Alternatively participants can submit evidence of practical assessments and the application of knowledge and skills where access to apparatus is not available.

### Learning Outcomes

On successful completion of this course learners will be awarded a Statement of Attainment in partial completion of the Certificate IV in Hazardous Areas – Electrical (UEE42611)

For further information or training enquiries:

**Call:** +61 7 4951 0041

**Email:** [training@plumptongroup.com](mailto:training@plumptongroup.com)

**Visit:** [www.plumptongroup.com](http://www.plumptongroup.com)

**RTO #:** 31600