



HAZARDOUS AREAS INSTALLATION + MAINTENANCE + INSPECTION COMPETENCY

WHO IS THIS COURSE AIMED AT?

Electrical workers and Electricians who are seeking opportunity to work in oil and gas, mineral and chemical process industry with electrical equipment installed in Hazardous areas (EEHA).

LOCATION

Delivered at one of PMV's national training centres (Perth, Brisbane or Adelaide), or at a client's facility.

COURSE DURATION

5 days

Scope

This qualification provides competencies to supervise selection, installation, commissioning maintenance and testing of explosion-protected equipment and systems for control and monitoring of plant and processes. The qualification provides competencies in working with explosion protection techniques with elections in how they apply to, gas and dust atmospheres. It includes ERAC requirements for an 'Electrician's licence' and competencies to select, install, set up, test, fault find, repair and maintain stand-alone renewable energy equipment and systems.

ELIGIBILITY FOR COURSE ENROLMENT:

Candidates must hold a current Unrestricted Electrical licence. Two years of industrial experience preferred





COURSE COST

Course Cost: \$1,800.00 (GST Free)

WHY CHOOSE PROJECT MANAGEMENT VISION (PMV)?

- Our courses are fast tracked 5 days to allow for student's busy schedule.
- Training is aligned to the requirements of latest IEC/AS/NZS 60079.14:2017, 60079.17:2017 and AS/NZS 4761 with industry experienced trainers.
- All our courses have been developed in consultation with the industry experts.
- You will undergo one on one practical training with industry experienced, qualified Hazardous Area and Electrical Professional Trainers
- The following blended delivery of theory and practical, will be covered:
 - *Hazardous Areas Classification (HAC)*
 - *Certificate of Conformity.*
 - *Ex e, Ex n, Ex d, Ex i, Ex m, Ex q, Ex o, Ex tD, Ex p techniques and principles*
 - *Name plate reading exercise for Ex d, Ex e and Ex i.*
 - *Specific installation requirements for different types of Ex techniques*
 - *Making up of barrier Ex d Gland exercise by participants.*
 - *Visual/ Close/ Detailed inspection at PMV or onsite Training bays for Ex d, Ex i and Ex e and required remediation actions.*
 - *Testing and Maintenance requirements in Hazardous areas.*

TRAINING METHODS:

Blended delivery of theory and practical training with what you are likely to see in a typical industrial environment

COURSE CONTENT:

UEENEEG105A - Those holding an 'Unrestricted Electrical Licence' or equivalent issued in an Australian State or Territory meets the requirements of this unit and its pre-requisite requirements.

I.E All units' annotated "Electrical licence" will be Credit Transferred.

<http://training.gov.au/Training/Details/UEE40411>



Core Competency Standard Units All Core competency standard units to be achieved		Delivery Method
UEENEEM080A	Report on the integrity of explosion-protected equipment in a hazardous area	PMV Training

Group B – Qualification Elective Units		
UEENEEM020A	Attend to breakdowns in hazardous areas - gas atmospheres	PMV Training
UEENEEM022A	Attend to breakdowns in hazardous areas - pressurisation	PMV Training
UEENEEM024A	Install explosion-protected equipment and wiring systems - gas atmospheres	PMV Training
UEENEEM025A	Install explosion-protected equipment and wiring systems - dust atmospheres	PMV Training
UEENEEM026A	Install explosion-protected equipment and wiring systems – pressurisation	PMV Training
UEENEEM028A	Maintain equipment in hazardous areas - gas atmospheres	PMV Training
UEENEEM029A	Maintain equipment in hazardous areas - dust atmospheres	PMV Training



Group C – Qualification Elective Units		
UEENEEM039A	Conduct testing of hazardous areas installations — gas atmospheres	PMV Training
UEENEEM040A	Conduct testing of hazardous areas installations — dust atmospheres	PMV Training
UEENEEM041A	Conduct testing of hazardous area installations - pressurisation	PMV Training
UEENEEM042A	Conduct visual inspection of hazardous areas installations	PMV Training
UEENEEM044A	Conduct detailed inspection of hazardous areas installations - gas atmospheres	PMV Training
UEENEEM046A	Conduct detailed inspection of hazardous areas installations - pressurisation	PMV Training
UEENEEM078A	Manage compliance of hazardous areas	PMV Training
UEENEEM080A	Report on the integrity of the explosion protection equipment in hazardous area	PMV Training

COURSE OUTCOMES:

Statement of Attainment (SOA) - UEE42611 Certificate IV in Hazardous Areas- Electrical

Graduates who are successfully competent in both theoretical and practical training completing all units of competency in the training package, will be awarded Statement of Attainment (SOA) with the above units.

REFRESHER TRAINING

In accordance with the AS/NZS 60079.14:2017 requirement for continuing education, PMV recommends that the EEHA Installation and Maintenance competencies are refreshed every 3 years.