

# INSTALLATION & MAINTENANCE

COURSE LENGTH

TARGET HOURS

PRACTICAL CONTENT

THEORETICAL CONTENT

4 days

32



## Target Audience

This course is aimed at electrical tradespersons, supervisors or engineers whose job function involves the installation and maintenance of electrical/instrumentation equipment in potentially hazardous areas.

## Selection Requirements

Clients must:

- Hold a valid Australian Unrestricted Electrical License;
- Demonstrate appropriate EEHA industry experience, recommended minimum of 2 years (if clients have no experience in hazardous areas, you are required to complete the MOXI awareness course at no extra cost);
- Demonstrate appropriate hand tool experience;
- Pre-reading of AS/NZS 60079 series which can be accessed through your employer.

## Units of Competency

UEENEEM080A	Report on the integrity of explosion protected equipment in a hazardous area
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 - pressurisation
UEENEEM024A	Install explosion-protected equipment and wiring systems - gas atmosphere
UEENEEM025A	Install explosion-protected equipment and wiring systems – dust atmospheres
UEENEEM026A	Install explosion-protected equipment and wiring systems - pressurisation
UEENEEM028A	Maintain equipment in hazardous areas – gas atmospheres
UEENEEM029A	Maintain equipment in hazardous areas – dust atmospheres
UEENEEM030A	Maintain equipment in hazardous areas – pressurisation
UEENEEM039A	Conduct testing of hazardous areas installations – gas atmospheres
UEENEEM040A	Conduct testing of hazardous areas installations – dust atmospheres
UEENEEM041A	Conduct testing of hazardous areas installations – pressurisation
UEENEEM042A	Conduct visual inspection of hazardous areas

## Course Content

This skill set equips the client with the required intermediate knowledge and understanding of combustible substances, fundamentals of hazardous area classification, electrical explosion protection techniques, equipment marking and certification requirements and the purpose of the hazardous area verification dossier. It also covers installation, testing, maintenance and visual inspection requirements and its application of practical skills in alignment with the requirements of the relevant AS/NZ Standards. These also include the required safe work practices.

## Assessment

MOXI's courses contain in depth theory components. All practical aspects are delivered and assessed in our specialised EEHA workshop. When completed on site, clients are required to submit evidence of practical assessments and application of skills where access to plant and/or machinery is not available during the course.

## Outcome

On successful completion of this skill set, clients will be awarded with either:

**Statement of Attainment** in partial completion of the Certificate IV in Hazardous Areas – Electrical (UEE42611) for holders of a valid Australian Unrestricted Electrical License  
OR

**Certificate of Competency** in line with AS/NZS 4761 for those clients who do not hold an Australian Unrestricted Electrical License.



Available Through:



SKILL + LEARNING

MOXI

For further information or  
customised training:

Call 1300 668 992

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