



INSTALLATION PLANNING

COURSE LENGTH	TARGET HOURS	PRACTICAL CONTENT	THEORETICAL CONTENT
5 days	40	✓	✓

Target Audience

This course is aimed at senior tradespersons or engineers whose job function involves the planning of protected electrical systems and installations for potentially hazardous areas.

Selection Requirements

Entry requirements:

- Electrical/Instrumentation trade qualification AQF III or higher and/or a valid Australian Unrestricted Electrical License
- Demonstrate appropriate EEHA industry experience, recommended minimum of 2 years.

Units of Competency

UEENEEM080A	Report on the integrity of explosion protected equipment in a hazardous area
UEENEEM024A	Install explosion-protected equipment and wiring systems - gas atmospheres
UEENEEM026A	Install explosion-protected equipment and wiring systems - pressurisation
UEENEEM054A	Plan electrical installations for hazardous areas - gas atmospheres
UEENEEM056A	Plan electrical installations for hazardous areas – pressurisation

Course Content

This skill set equips the learner with the required intermediate knowledge and understanding of combustible substances, hazardous area classification, electrical explosion protection techniques, equipment marking and certification requirements and the purpose of the hazardous area verification dossier. It focuses on EEHA specific knowledge to plan electrical installations including equipment selection principles, wiring selection consideration, safety, functional and economic consideration in alignment with the requirements of the relevant AS/NZ standards.

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, participants 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 skills set, learners will be awarded with either:

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

Certificate of Competency in line with AS/NZS 4761 for those learners who hold an electrical qualification higher than AQF IV level but no Australian Unrestricted Electrical License