

INSTALLATION & MAINTENANCE

COURSE LENGTH

TARGET HOURS

PRACTICAL CONTENT

THEORETICAL CONTENT

4 days

32



SKILL + LEARNING

MOXI

For further information or
customised training:

Call 1300 668 992

OR +61 8 9479 3841

Visit www.moxi.com.au

RTO Provider Number 51160



NATIONALLY RECOGNISED
TRAINING

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

Participants must:

- Hold a valid Australian Unrestricted Electrical License
- Demonstrate appropriate EEHA industry experience, recommended minimum of 2 years (if learners have no experience in hazardous areas, you are required to complete the MOXI awareness course at no extra cost);
- Pre-reading of AS/NZS 60079 series which can be accessed through your employer or HB13 available from MOXI.

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
UEENEEM022A Attend to breakdowns in hazardous areas - pressurisation
UEENEEM024A Install explosion-protected equipment and wiring systems - gas atmosphere
UEENEEM026A Install explosion-protected equipment and wiring systems - pressurisation
UEENEEM028A Maintain equipment in hazardous areas – gas atmospheres
UEENEEM030A Maintain equipment in hazardous areas – pressurisation
UEENEEM039A Conduct testing of hazardous areas installations – gas atmospheres
UEENEEM041A Conduct testing of hazardous areas installations – pressurisation
UEENEEM042A Conduct visual inspection of hazardous areas

Course Content

This skill set equips the learner 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, 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 skill 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 a valid Australian Unrestricted Electrical License
OR

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