



INSTALLATION, MAINTENANCE & DETAILED INSPECTION SKILL SET

COURSE LENGTH TARGET HOURS PRACTICAL CONTENT THEORETICAL CONTENT

5 days

40



Target Audience

The Installation Maintenance & Detailed Inspection (IMDI) program is a specialised skill set purposely aimed at electrical tradespersons, supervisors or engineers whose job function involves the installation, maintenance and detailed inspection of electrical/instrumentation equipment in potentially hazardous areas.

Selection Requirements

To be eligible to enroll in this program clients MUST:

- Hold a valid Australian Unrestricted Electrical License (E/L);
- Demonstrate appropriate industry experience, recommended minimum of 2 years (If the client has no experience in hazardous areas, they are required to complete the MOXI Awareness course prior to attending 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 HA
UEENEEM020A	Attend to breakdown in hazardous areas - gas atmospheres
UEENEEM021A	Attend to breakdown in hazardous areas – dust atmospheres
UEENEEM022A	Attend to breakdown in hazardous areas - pressurisation
UEENEEM024A	Install explosion protected equipment & wiring systems - gas atmospheres
UEENEEM025A	Install explosion protected equipment & wiring systems – dust atmospheres
UEENEEM026A	Install explosion protected equipment & 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
UEENEEM044A	Conduct detailed inspection of hazardous areas installations - gas atmospheres
UEENEEM045A	Conduct detailed inspection of hazardous areas installations – dust atmospheres
UEENEEM046A	Conduct detailed inspection of hazardous areas installations – pressurisation

Course Content

This skill set equips the client with the required 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 areas verification dossier. It includes installation, testing, maintenance, visual and detailed inspection requirements and its application of practical skills in alignment with the requirements of the relevant AS/NZ Standards. The skills set also addresses 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 a valid Australian Unrestricted Electrical License.

Available Through:



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

