



SKILL + LEARNING

MOXI

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RTO Provider Number 51160



# INSTALLATION, MAINTENANCE & DETAILED INSPECTION SKILL SET AS/NZS4761

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 and covering all endorsements for EEHA.

## Selection Requirements

To be eligible to enroll in this program participants MUST:

- Hold an electrical/instrumentation trade qualification AQF III or higher and/or a valid Unrestricted Australian Electrical License (E/L);
- Demonstrate appropriate industry experience, recommended minimum of 2 years (If the learner has no experience in hazardous areas, they are required to complete the MOXI Awareness course prior to attending 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

UEECD0011 - Comply with scheduled and preventative maintenance program processes.
UEECD0016 - Document and apply measures to control WHS risks associated with electrotechnology work
UEECD0056 - Apply Methods to Maintain Currency of Industry Developments
UEECO0002 - Maintain documentation.
UEEHA0004 - Enter a classified hazardous area to undertake work related to electrical equipment.
UEEHA0020 - Conduct detailed inspection of electrical installations for hazardous areas.
UEEHA0022 - Determine the explosion-protection requirements to meet a specified classified hazardous area.
UEEHA0025 - Install explosion-protected equipment and associated apparatus and wiring system.
UEEHA0026 - Maintain equipment associated with hazardous areas.
UEEHA0027 - Manage continuous supervision inspection of electrical installations for hazardous areas.
UEEHA0038 - Conduct visual and close inspection of electrical installations for hazardous areas.

## Course Content

This skill set equips the learner 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, 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

**Statement of Attainment re UEE42622 or Certificate of Competency** in line with AS/NZS 4761 for those learners who hold an electrical or instrumentation qualification higher than AQF III level but do not have an Unrestricted Australian Electrical License