

INSTALLATION, MAINTENANCE & DETAILED INSPECTION

THINK PLUS
ACADEMY

MOXI

Course Length	Taught Hours	Practical Assessment	Knowledge Assessment
8 Days	64	30%	70%

ENTRY REQUIREMENTS

Participants must:

- Hold an electrical/instrumentation trade qualification or an electrical engineering degree;
- Demonstrate appropriate 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.

TARGET AUDIENCE

This course is 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.

AS/NZ STANDARDS 4761 COVERED

- 2.2 - Report on the integrity of explosion protected equipment in HA
- 2.3 - Attend to breakdowns in hazardous areas
- 2.5 - Install explosion protected equipment and wiring systems
- 2.7 - Maintain equipment in hazardous areas
- 2.8 - Conduct testing of hazardous areas installations
- 2.11 - Conduct visual inspection of hazardous areas
- 2.12 - Conduct detailed inspection of hazardous areas installations

Endorsements: Ex d, Ex e, Ex i, Ex n, Ex p

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 also covers 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. These also include the required safe work practices.

OUTCOME

On successful completion a Certificate of Competency will be issued in line with AS/NZS 4761.

ASSESSMENT

MOXI's courses contain in depth theory components. All practical aspects are delivered 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.

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