

Design, Maintenance Management, Overhaul and Repair

Target Audience

Course is aimed at tradepersons and engineers whose role involves the overhaul and repair of explosion-protected equipment.

National Units of Competency Offered:

UEENEEM033A	Overhaul and repair of explosion-protected equipment - gas
UEENEEM034A	Overhaul and repair of explosion-protected equipment - dust
UEENEEM048A	Develop and manage maintenance programs for hazardous areas electrical equipment — gas
UEENEEM049A	Develop and manage maintenance programs for hazardous areas electrical equipment — dust
UEENEEM050A	Develop and manage maintenance programs for hazardous areas electrical equipment — pressurisation
UEENEEM054A	Plan electrical installations for hazardous areas — gas
UEENEEM055A	Plan electrical installations for hazardous areas — dust
UEENEEM056A	Plan electrical installations for hazardous areas — pressurisation

Endorsements:

Ex d; Ex e; Ex i; Ex n; Ex p and Ex t

Standards:

MOXI's courses incorporate the latest AS/NZS standards and are continually maintained to ensure currency

Qualification:

Statements of Attainment will be issued in Partial Completion of UEE60110

Course Content:

- Safety in hazardous areas
- EEHA competencies
- Responsibility for ensuring hazardous area safety
- Hazardous area documentation
- Types of EEHA inspection
- Maintenance program development
- Maintenance documentation requirements
- Requirements for workshop accreditation
- Requirements for competency to repair & overhaul
- Requirements for workshop accreditation
- Requirements for competency to repair and overhaul
- Scope of work for accredited workshops
- Documentation required for certified repair and overhaul
- Identifying the scope of repair and overhaul required
- Preparation of repair and overhaul reports

Competency Assessment:

- IS Installation design requirements
- EEHA Maintenance management strategies
- EEHA Maintenance management systems
- Ensure safety of hazardous areas
- Calibrations of test apparatus
- Testing requirements as per Standards and manufacturer
- Test and measure before and after the repair and overhaul
- Recording and compare results for compliance

Course Length: 5 Days
Taught Hours: 40
Practical Content: 60%
Theoretical Content: 40%

Pre-requisites:

Persons are required to have a valid Australian electrical license, or Trade qualification and or Degree. Other pre-requisites may apply, please contact MOXI for further information.

Note:

This course addresses the explosion protected aspects of overhauling and repairing explosion-protected equipment and the activities required by the Responsible person. It requires the ability to establish and document the level of work required, arranging for the overhaul/repair to be carried out, verify compliance of overhauled /repaired equipment and complete the appropriate documentation.

The course does not provide competency for those who are responsible for the actual overhaul / repair work.

The course consists of two elements, theory and practical. The practical must be conducted in an accredited workshop. Participants are required to supply their own personal protective safety equipment.

License to practice:

Persons meeting the pre-requisites may attend and achieve the competencies offered by this course; application in the workplace **does not** require a License to Practice.

For further information or customised training, call MOXI on 1300 668 992.
www.moxi.com.au



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