



Units of Competency

UEENEEM047A

Develop and manage maintenance programs for hazardous areas electrical equipment – Coal mining.

UEENEEM074A

Plan electrical installations in hazardous areas – Coal mining.

UEENEEM036A

Manage compliance of hazardous areas.

Entry Requirements

Students must hold these units of competency:

UEENEEE110A

Develop and implement energy sector maintenance programs.

PMASUP410A

Develop plant documentation.

UEENEEM027A

Maintain equipment in hazardous areas coal mining; OR

UEENEEM080A

Report on the integrity of explosion-protected equipment in a hazardous area.

UEENEEM023A

Install explosion-protected equipment and wiring systems coal mining; OR

UEENEEG125A

Plan electrical installations with a low voltage demand up to 400 A per phase; AND

UEENEEI112A

Verify compliance and functionality of instrumentation and control installations.

Course Description

This course covers the explosion-protection aspects of plant maintenance schemes. It requires the ability to develop and manage maintenance programs incorporating strategies for inspections, repair/overhaul/ replacement of components and recording of maintenance outcomes.

Further, this course covers the explosion-protection aspects planning electrical installations for hazardous areas. It requires the ability to identify hazardous area zones from classification diagrams or from examples of previously classified areas or those given in standards, and to select and locate explosion-protected equipment and wiring systems and other items that may influence the explosion-protection technique.

Lastly, this unit covers the explosion-protection aspects of ensuring that potentially explosive atmospheres, generated by production, processing or servicing activities, do not pose a hazard to persons, property or the environment.

Content Delivery

This course is delivered in person over 5 days.

Course Outcomes

Upon successful completion, you will have the skills to:

- Establish explosion-protection strategies for site.
- Evaluate maintenance program.
- Document installation plan.

Cost

5 Days – \$2, 200.00 (GST Incl).