

HAZARDOUS AREAS CLASSIFICATION & DESIGN



offered in partnership with a leading Australian Registered Training Organisation (RTO)

DURATION	5 days
PREREQUISITES	Electrical Engineering degree or; Electrical Licence and prior hazardous areas training

WAZP Group, in partnership with a leading Australian Registered Training Organisation (RTO), offers this certified accredited course in South East Asia.

WHAT THIS COURSE DELIVERS

This course covers the following information:

- Properties of explosive gases/vapours and combustible dusts
- Hazardous area classification procedures and techniques for gas and vapour installations and for combustible dusts
- Recommended methods for documenting the classification
- Protection techniques
- Equipment selection
- Earthing requirements
- EX i entity calculations
- EX e motor protection and cable derating requirements
- Maximum dissipated power calculations
- General design principles

Students participate in a range of activities during the training, including some group classification and design work.

UNITS OF COMPETENCY

UEENEE071B	Write specifications for electrical engineering projects
UEENEEM052A	Classify hazardous areas - gas atmospheres
UEENEEM053A	Classify hazardous areas - dust atmospheres
UEENEE015B	Develop design briefs for electrotechnology projects
UEENEEM054A	Plan electrical installations in hazardous areas - gas atmospheres
UEENEEM055A	Plan electrical installations in hazardous areas - dust atmospheres
UEENEEM057A	Design explosion-protected electrical systems and installations - gas atmospheres
UEENEEM058A	Design explosion-protected electrical systems and installations - dust atmospheres

WHO SHOULD ATTEND

This is an advanced course, intended for technicians, engineers and senior engineers involved with the design of electrical installations in hazardous areas and in area classification.

PREREQUISITES

If you hold a Certificate III in Electrotechnology or Electrical Licence and have attained the Installation units from the Installation and Maintenance of Electrical Equipment in Hazardous Areas course, you will meet the prerequisite requirements for this course.

Typically an electrical engineering qualification will also meet the requirements to be awarded a full Statement of Attainment.

For any other qualification, or if you have completed hazardous area training with another provider, please contact us to confirm your eligibility and expected outcomes.



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Further Information

If you would like to receive further information about these courses or any of WAZP Group services please email to courses@wazp-gr.com or contact any of our regional offices.