



HAZARDOUS AREAS – DESIGN PLAN & CLASSIFY ~ LIVE WEB TRAINING ~

**Learn how to Design, Plan, Classify & Manage HA from anywhere in Australia!
Due to the current climate we have moved our course to a LIVE WEB classroom.**

Course Overview

The Hazardous Areas Design, Plan and Classify training course is designed for Electrical workers, Engineers and Technicians involved with installing and maintaining electrical equipment in hazardous areas and area classification. Our course has been designed to cover hazardous area classification procedures and techniques for gas and combustible dust installations. Students will be taught the correct method of analysing and classifying the hazardous area and will be given in depth knowledge on how to assess flammable material properties and ignition characteristics. This course delivers up to date industry relevant training and focuses on the proper selection and installation of equipment to be used safely in a hazardous environment.

Delivery and Course Costs

5 days: \$3,600

Online Pre-req (if required): \$350.00 (GST Free)

EEHA Pre-work (if required): (non-assessed)

The Design, Plan & Classify course is conducted over 5 days for the face to face component with the pre-requisite units being completed online prior to attending course (if required).

This course is delivered **via LIVE WEB zoom meeting**. You will interact with our trainer in real time just like in the classroom. Complete your assessments online and submit for review and feedback. This method allows you to complete the course in the same timeframe as if you were in a face to face classroom.

Computer Requirements

Internet, Computer (laptops generally have all required resources), Speakers, Microphone, or use your mobile or smart device for your zoom meeting to access the microphone and speaker function.

VOLT EDGE RTO # 32137

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Entry Requirements

The Design, Plan and Classify course is tailored to Electrical Engineers. Students will be required to have their previous qualifications/competencies reviewed to ensure they meet pre-requisites prior to course commencement.

Students who do not have or only have limited knowledge in hazardous areas may find this course challenging and may not achieve their desired outcome, therefore Volt Edge require Students to have previously completed Electrical Equipment in Hazardous Areas prior to attending the Design, Plan and Classify course. If you have not completed this course you will be required to complete our online EEHA pre-work which is offered via online self-paced only. By completing the online pre-work you will gain the underpinning knowledge required for our course (please note that this is not outcome based).

Statement of Attainment issued for all the competencies once deemed competent and all pre-requisites have been met.

Pre-Requisites – Hold or complete the below to gain an outcome on all units below

UEENEEE071B - Write specifications for electrical engineering projects

UEENEEE015B - Develop design briefs for electrotechnology projects

PMASUP410 - Develop plant documentation

Units of Competency & Outcomes

SOA – Statement of Attainment

SOC – Statement of Completion

An **Unrestricted Electrician** would receive (if pre-requisites not met):

UEENEEM052A - Classify Hazardous Areas – gas **SOC**

UEENEEM053A - Classify Hazardous Areas – dust **SOC**

UEENEEM054A - Plan Electrical installations of hazardous areas - gas **SOA**

UEENEEM055A - Plan Electrical installations of hazardous areas – dust **SOA**

UEENEEM056A - Plan Electrical installations of hazardous areas – pressurization **SOA**

UEENEEM057A - Design explosion-protected electrical systems and installations - gas **SOC**

UEENEEM058A - Design explosion-protected electrical systems and installations – dust **SOC**

UEENEEM059A - Design explosion-protected electrical systems and installations – pressurisation **SOC**

UEENEEM078A - Manage compliance of hazardous areas **SOA**

An **Electrical Engineer** would receive:

UEENEEM052A - Classify Hazardous Areas – gas **SOA**

UEENEEM053A - Classify Hazardous Areas – dust **SOA**

UEENEEM054A - Plan Electrical installations of hazardous areas - gas **SOA**

UEENEEM055A - Plan Electrical installations of hazardous areas - dust **SOA**

UEENEEM056A - Plan Electrical installations of hazardous areas – pressurization **SOA**

UEENEEM057A - Design explosion-protected electrical systems and installations - gas **SOA**

UEENEEM058A - Design explosion-protected electrical systems and installations – dust **SOA**

UEENEEM059A - Design explosion-protected electrical systems and installations – pressurisation **SOA**

UEENEEM078A - Manage compliance of hazardous areas **SOA**

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