

## COURSE SNAPSHOT

# HAZARDOUS AREAS CLASSIFICATION & DESIGN

<b>DURATION</b>	3 days - Hazardous Areas Classification (HAC) 5 days - Hazardous Areas Classification & Design (HACD)
<b>PRICE</b>	<b>HAC:</b> AUD 2,500 GST exempt <b>HACD:</b> AUD 3,750 GST exempt

## COURSE OVERVIEW

Hazardous Area Classification and Design training is now available for our valued clients.

After this course you will be able to competently determine where hazardous zones exist within a facility, outline materials properties, and identify practical solutions to classification problems considering impacts on the installation, overall risk management, and costs/benefits of mitigation measures to reduce the classified areas.

Engineers will be able to select hazardous area compliant equipment and complete hazardous area installation design, including intrinsically safe circuit evaluation and design, maximum dissipating power calculations, electrical protection, dossier development, cable and entry system selection, understanding the operating theory and practical requirements for each protection technique, equipment certification, nomenclature, inspection, auditing and legislative requirements to name a few.

This course is aligned with the latest Classification and Design Standards AS/NZS IEC 60079.10.1:2022, AS/NZS IEC 60079.10.1:2022 SUP 1:2022 and AS/NZS 60079.14:2022.

## COURSE REQUIREMENTS

To attain all unit of competency the following pre-requisites evidence is required, students are required to present the below evidence to complete the unit of competency listed. Students will only be issued a SOA for the units of competency that meet the requirements:

- Bachelor
- Advanced Diploma
- Certificate IV
- Certificate III

## YOUR OPTIONS

After successfully completing this course, students have the option to complete the Conduct a Conformity Assessment course through Recognition of Prior Learning (RPL).

Please contact us to discuss this option

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# UNIT OUTCOMES

### HAZARDOUS AREAS CLASSIFICATION

- UEEHA0017** Classify areas where a combustible dust hazard may arise
- UEEHA0018** Classify areas where flammable gas or vapour hazards may arise

### HAZARDOUS AREAS DESIGN

- UEEHA0004** Enter a classified hazardous area to undertake work related to electrical equipment
- UEEHA0022** Determine the explosion-protection requirements to meet a specified classified hazardous area
- UEEHA0021** Design explosion-protected electrical systems and installations
- UEEHA0029** Plan electrical installations for hazardous areas

## WHERE TO FROM HERE

Competency Training's capability to progress our graduates, from new industry entrants to mature leaders, is based on the real world expertise of specialist educators who deliver education and compliance on site, or in the classroom.

We have a unique holistic approach to training and compliance, delivered by a highly experienced multi-disciplinary team.

For further information on your education and training options, or for possible corporate or volume discount offers, please contact us.



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