

# moxi



**Reducing Risk**



**Demonstrating Competence**



**Training Management**



## Installation Design

### **National Units of Competency Offered:**

UEE NEEM 001 B - Report on the integrity of explosion protected equipment in hazardous areas

UEE NEEM 004 B - Install explosion-protected equipment & wiring systems

UEE NEEM 016 B - Design electrical installations in hazardous areas

### **Endorsements:**

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

### **Qualification:**

Statements of Attainment will be issued in Partial Completion of UEE 41807

For further information or customised training, call MOXI on 1300 668 992

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Oil & Gas

## Target Audience

This course is aimed at engineers or senior tradespersons whose job function involves the design of electrical equipment for hazardous areas.

## Course Objectives

To raise levels of competence for personnel carrying out installation design of electrical apparatus in explosive gas atmospheres to the nationally recognised standard AS/NZS 4761.

## Competency Assessment

- Hazardous area fundamentals
- Equipment marking
- Equipment certification
- Hook ups and terminations
- Device interpretations
- Power dissipation calculation
- IS loop calculation
- IS installation design requirements

## Course Content

- EEHA competency
- Combustible substances
- Hazardous area classification principles
- Electrical equipment protection techniques
- Equipment marking
- Equipment certification
- Installation requirements
- Hazardous area classification by example
- Equipment selection principles
- Wiring selection considerations
- Hazardous area documentation

## Note

All delegates are required to bring a copy of their degree or trade qualifications or licences to verify pre-requisite of 2 years industrial experience.

This course can be delivered on site. Contact MOXI on 1300 668 992 for further information.

Course Length: 5 Days

Taught Hours: 40

Practical Content: 42%

Theoretical Content: 58%

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