

IADC Hazardous Area Electrical Training

Course Overview

This course provides knowledge of industry standards (outlined by government and industry bodies) and delivers the most up-to-date, effective practice for the manufacture, installation and maintenance of electrical/instrument equipment and the protection requirements utilized within hazardous or potentially hazardous areas. Upon completion of successful assessment, delegates will receive a competency certificate accredited by IADC.

Intended Audience

Personnel with an Electrical or Instrumentation background and who have a working knowledge of electrical installations, maintenance and inspection.

Duration

4 days

Topics

- Course covers training to the standards IEC 60079-17, API 500-505 and NEC 500-505
- Overview of Area Classifications
- Gas groups and temperature classes
- Equipment protections concepts
- Selection of apparatus, cabling and terminations requirements
- Inspection of equipment and systems Statutory and non-statutory requirements
- Testing of installation
- Management and remedial work

Methods

Students will learn through lectures, demonstrations, hands-on learning, practical assessment and discussions. They will be evaluated via attendance, self-assessment, continuous assessment, a theory exam, and a practical assessment.

Certification

- IADC DIT Certificate upon successful completion.



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