

Hazardous Area Wiring for Trade / Trade Technicians

Electrical

School of Engineering (TAFE)

www.rmit.edu.au/engineeringtafe/shortcourses

Course Objectives

This course is designed to provide the skills in identifying and understanding of what constitutes a hazardous area, the types of explosion protection techniques used and the selection, installation and maintenance of hazardous area equipment.

Prerequisites

Plant machinery operation or installation, maintenance or service function at AQFII level or higher or basic Electrical or higher or basic electrical or Instrument trade background.

Course Duration

58hours (42 hours theory + 16 hours practical on the job).

Course Outline

- Explosion –Protection Principles
- Different type of Explosion-Protection techniques used
- Types and grades of inspections pertaining to new and existing hazardous area equipment and installation.
- Hazardous area installation and wiring systems
- Classification of a hazardous area, taking into consideration Zones, Gas, Groupings and Temperature classes.
- Selection, Installation & maintenance of hazardous area equipment
- Theory and practical Assessment
- Major Project and Oral Assessment

Course Structure

The course contains a number core units of competencies. A unit of competency consists of theory components as well as a practical component.

Certification

An RMIT certificate and identification card will be awarded after successful completion of the relevant Units of Competencies.

Textbooks

All participants will be issued with a comprehensive set of notes. Handbook and Standards are extra.

Cost: Approx. \$80.00

Fee: \$2400.00 (GST Free)

When: See attached registration form

Time: See attached registration form

Venue: All courses will be conducted on site

Enquiries: 115 Queensberry Street
(cnr Lygon St) Carlton
Bldg. 57, Level 5
Ask for Wendy or Herb at reception

Phone: 9925 4921 **Fax:** 9925 4666

Email: wendy.gillies@rmit.edu.au

Technical: Herb Weber 9925 4386

Email: herbert.weber@rmit.edu.au

Postal: Short Course Information Office
School of Engineering (TAFE)
RMIT University
GPO Box 2476
Melbourne Vic 3001