Overhaul and Repair of Explosion-Protected Equipment

See AS/NZS 4761.1:2008 clause 2.8

See Units of Competencies UEEENEM031A, UEEENEM032A, UEEENEM033A, UEEENEM034A described in E-Oz Industry Skills Council Electrotechnology Training Package UEE11 ver 1.3.

NOTE: This unit is endorsed for each of the explosion-protection techniques in which competency is demonstrated. The designation for each endorsement is given in Appendix B of AS/NZS 4761.1. The unit/s achieved will depend on the work performance requirements.

Background

This training program complements the requirements of Australian/New Zealand Standard AS/NZS 3800 “Electrical equipment for explosive atmospheres – Repair and overhaul” and HB 239 “Guidance on the repair and overhaul of electrical equipment for explosive atmosphere”. The training covers the explosion-protection aspects of overhauling and repairing explosion-protected equipment and the activities required of the responsible person. It requires the ability to establish and document the level of work required, to arrange for the overhaul/repair to be carried out, to verify compliance of overhauled/repairsed equipment and to complete the necessary documentation. This course is accepted by industry as the standard for training in overhaul and repair of electrical equipment for potentially explosive atmospheres. Typically these units of competency apply to electrical, electronic, and/or mechanical equipment repair workshop supervisory job function.

Competence in this unit shall be assessed only after competencies in the overhaul and repair of general electrical, electronic and/or mechanical equipment have been achieved at AQF 4 or NQF 5 level or equivalent (see AS/NZS 4761.1 Appendix A).

The critical aspects covered in this training are:

i. Following WHS (OHS) procedures.
ii. Interpreting certification documentation and Standards.
iii. Measuring, testing and inspecting equipment for compliance with certification and Standards.
iv. Specifying overhaul/repair work.
v. Documenting overhaul/repair work.
vi. Using quality systems.
vii. Applying relevant contingency management skills.

As per the requirements of AS/NZS 3800.

Course Outcomes

- TAFE NSW Statement of Attainment
- Nationally Recognized Training to the E-Oz UEE11 electrotechnology training package

Note: Successful completion will depend on work performance (on-the-job) demonstrated competency.

Course Details

Duration: 3 days training, plus 2 days theory exams, plus self-directed hours in study and putting together work performance logbooks as required.

Time 8:00 am – 3.30 pm per day.

Please note: Enclosed footwear must be worn, no thongs or sandals allowed.

Please advise of any special dietary needs prior to course commencement.