Conduct a Conformity Assessment of Explosion Protected Equipment (CAD)

COURSE LENGTH	TARGET HOURS	PRACTICAL CONTENT	THEORETICAL CONTENT
5 days	40	✓	✓

Target Audience

This course is aimed at qualified electrical engineers whose job function is assessing the Certification documentation of explosion-protected equipment with a certificate of conformity other than an IECEx, ANZEx or AUS Ex Certificate, and producing a conformity assessment document. It encompasses skills and knowledge to examine and compare document content, compare requirements of IEC or AS/NZ Standards with alternative Standards on which the original certification was based.

Selection Requirements

1. An Electrical Degree or equivalent

2. Pre-requisite units (or equivalent) prescribed by the training package are:

- UEENEEE004B Prepare specifications for the supply of materials and equipment for electrotechnology projects;

OR

- UEENEEE015B Develop design briefs for electrotechnology projects;

OR

- UEENEEE084A Write specifications for electrotechnology engineering projects

OR

- UEENEEE124A Compile and produce an energy sector detailed report.

Units of Competency

UEENEEM036A	Conduct a conformity assessment of explosion-protected equipment - gas atmospheres
UEENEEM037A	Conduct a conformity assessment of explosion-protected equipment – dust Atmospheres

Course Content

This course covers the knowledge and skills to perform a Conformity assessment through comparing alternate Standards to current AS/NZ Standards. It explores through practical exercise how to use the relevant Standards to determine an equivalent level of safety including how to prepare a conformity assessment and how to write a CAD report.

Assessment

MOXI's courses contain in depth theory components that are assessable as well as practical aspects delivered and assessed in our specialised EEHA workshop. Assessment tasks are performed as a simulated workplace situation. Participants must be able to demonstrate using the relevant standards, how to determine an equivalent level of safety for equipment. They will also need to prepare a conformity assessment and complete a CAD report.

Outcome

On successful completion of this course learners will receive a ***Statement of Attainment*** in partial completion of UEE61211 - Advanced Diploma of Electrical Engineering – Explosion Protection

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