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Audited to standards for RTOs 2015
RTO # 52737

UEE42611 Certificate IV in Hazardous Areas Electrical



UEE42611 – Certificate IV in Hazardous Areas Electrical

The old package UEE42610 is superseded by UEE42611

This nationally recognized training is aimed at Qualified Electricians, Electrical workers/Engineers who are seeking the opportunity to work in Hazardous areas Industries e.g. Oil and Gas ,Chemical Process Industry. You will gain competencies to supervise select, install, commission and maintain testing of explosion-protected equipment and systems for control and monitoring of plant and processes.

Prerequisites:

Applicants must hold a current Unrestricted Electricians Licence or hold UEE30811 Cert III in Electrotechnology- Electricians to achieve a SoA (Statement of Attainment). technology- Electricians to achieve a SoA (Statement of Attainment).

Availability: Visit www.techskillsau.com.au and click Online enrollments.

Duration:

7 days training

Fees:

➤\$2,800 ➤10% discount to past students ➤15% discount for group booking (min of 5 students).

Course Outcomes

Full Qualification: Students who are successfully competent in both theoretical and practical training completing all units of competency in the training package, will be awarded the UEE42611 Certificate IV in Electrical Instrumentation qualification.

Statement of Attainment (SoA): Students who have successfully completed one or more units of competency but do not meet the requirements for a full qualification (as specified in the training package),to Electrical Engineers and those who do not hold Unrestricted Electricians Licence.

COURSE CONTENT

All the units of competency for this qualification, including core and elective units, are listed below.

Note: UEENEEG105A - Those holding an 'Unrestricted Electricians Licence' or equivalent issued in an Australian State or Territory meets the requirements of this unit and its pre-requisite requirements. i.e. Credit is granted for all Units of competency annotated # <http://training.gov.au/Training/Details/UEE42611>

Core competency standard units:

UEENEE038B: Participate in development and follow a personal competency development plan.

UEENEE124A: Compile and produce an energy sector detailed report.

UEENEE117A: Implement and monitor OHS procedures and policies.

UEENEE145A: Implement and monitor energy sector policies and procedures for environmental and sustainable work practices.

UEENEE101A#: Apply Occupational Health Safety regulations, codes and practices in the workplace.

UEENEE102A#: Fabricate, dismantle, assemble of utilities industry components.

UEENEE104A#: Solve problems in d.c. circuits. UEENEE105A#: Fix and secure electrotechnology equipment.

UEENEE107A#: Use drawings, diagrams, schedules, standards, codes and specifications.

UEENEE137A#: Document and apply measures to control OHS risks associated with electrotechnology work.

UEENEEG006A#: Solve problems in single and three phase low voltage machines.

UEENEEG033A#: Solve problems in single and three phase low voltage electrical apparatus and circuits.

UEENEEG063A#: Arrange circuits, control and protection for general electrical installations.

UEENEEG101A#: Solve problems in electromagnetic devices and related circuits.

UEENEEG102A#: Solve problems in low voltage a.c. circuits.

UEENEEG103A#: Install low voltage wiring and accessories.

UEENEEG104A#: Install appliances, switchgear and associated accessories for low voltage electrical installations.

UEENEEG105A#: Verify compliance and functionality of low voltage general electrical installations.

UEENEEG106A#: Terminate cables, cords and accessories for low voltage circuits.

UEENEEG107A#: Select wiring systems and cables for low voltage general electrical installations.

UEENEEG108A#: Trouble-shoot and repair faults in low voltage electrical

apparatus and circuits.

UEENEEG109A#: Develop and connect electrical control circuits.

UEENEE080A: Report on the integrity of explosion-protected equipment in a hazardous area.

Group B – Qualification Elective Units:

Units of Competency annotated * are available for training on request.

UEENEE020A: Attend to breakdowns in hazardous areas — gas atmospheres.

UEENEE021A*: Attend to breakdowns in hazardous areas — dust atmospheres.

UEENEE022A: Attend to breakdowns in hazardous areas — pressurisation.

UEENEE024A: Install explosion-protected equipment and wiring systems — gas atmospheres.

UEENEE025A*: Install explosion-protected equipment and wiring systems — dust atmospheres.

UEENEE026A: Install explosion-protected equipment and wiring systems — pressurisation.

UEENEE028A: Maintain equipment in hazardous areas — gas atmospheres.

UEENEE029A*: Maintain equipment in hazardous areas — dust atmospheres.

UEENEE030A: Maintain equipment in hazardous areas — pressurization.

Group C – Qualification Elective Units:

Units of Competency annotated * are available for training on request.

UEENEE039A: Conduct testing of hazardous areas installations — gas atmospheres.

UEENEE040A*: Conduct testing of hazardous areas installations — dust atmospheres.

UEENEE041A: Conduct testing of hazardous area installations — pressurisation.

UEENEE042A*: Conduct visual inspection of hazardous areas installations.

UEENEE044A: Conduct detailed inspection of hazardous areas installations — gas atmospheres.

UEENEE045A*: Conduct detailed inspection of hazardous areas installations — dust atmospheres.

UEENEE046A: Conduct detailed inspection of hazardous areas installations — pressurisation.

UEENEE078A: Manage compliance of hazardous areas.

