UEEHA0029 Plan electrical installations for hazardous areas

This unit involves the skills and knowledge required to plan electrical installations for hazardous areas by selecting compliant explosion-protected equipment and wiring systems. It includes determining the extent of the installation from area classification documents and plant specifications; identifying the hazardous area zones; referencing manufacturer's data and plant design specifications to select and locate compliant explosion-protected and associated equipment and wiring systems; ensuring equipment received is consistent with the plan; and documenting the hazardous area installation plan.

This unit applies to electrical installation planning functions.

Site-specific work permits may be required to work in the hazardous environment. In addition, other permits may be required, such as confined space and to operate specific pieces of equipment such as elevated work platforms (EWPs) in various jurisdictions.

Additional and/or other conditions may apply in some jurisdictions subject to regulations related to electrical work. Practice in the workplace and during training is also subject to work health and safety (WHS)/occupational health and safety (OHS) regulations.

This unit of competency and associated assessment requirements is adopted from clause 2.8 of AS/NZS 4761.1:2018 Competencies for working with electrical equipment for hazardous areas (EEHA). There may be differences between the content of this unit and AS/NZS 4761.1:2018, so the Standard must be checked to ensure compliance with it. Clause 2.8 of AS/NZS 4761.1:2018 includes the following precondition for assessment:

- "A candidate seeking assessment in this unit shall have been deemed competent to arrange circuits, control and protection and select wiring systems and cables for non-hazardous electrical installations at AQF level 4 or NZQF level 5 or equivalent or higher".

Total Course Fees: $360

Registration fees: $0

Tuition fees: $0

Total course fees to be paid at the time of enrolment. Please contact Student Support Officer on 03 9967 0737 or email your query at info@skillwisetraining.edu.au for more information.

Course Duration: 20 hours (Students are required to attend 6 hours of online training session through LMS Moodle prior to attending 14 hours of face-to-face training and assessment sessions)

Course Delivery: Blended

Pre-Requisites:

- UEEHA0004 Enter a classified hazardous area to undertake work related to electrical equipment

- UEEHA0022 Determine the explosion-protection requirements to meet a specified classified hazardous area

Entry Requirements:

Students must provide evidence of completed pre-requisites at the time of enrolment, as listed above as per the training package requirements, along with the following entry requirements:

- 18 years of age or over
- Australian/New Zealand citizen or permanent Australian resident.
- A candidate seeking assessment in this unit shall have been deemed competent to inspect electrical installations in a non-hazardous area at AQF level 3 or NZQF level 4 or higher.
- Have a valid Driver's Licence, Photo Card
- Meet prescribed Language, Literacy and Numeracy requirements.
- Applicants should have basic knowledge of computer including MS Office skills (Word, Excel and Power Point).
- Bring your own device (BYOD)-All learners are expected to bring their own laptop with the Windows 7 operating system or higher. The College premises are equipped with high-speed Wi-Fi for the students' usage.
- Pre-Training Review- All prospective students (the candidates) are interviewed through Phone or zoom and will have the course explained to them by a Student Services Officer. The purpose of this interview is to ensure the candidate understands the commitment of signing up to the course, entry requirements, course outcomes, and what is expected of the student during their studies with SkillWise Training. The review also aims to identify training needs through questions on previous education or training, relevance of the courses to learner and relevant experience

Attendance: Students must attend all training sessions.

Pre-course- Before starting this course, you will be required to complete a Language, Literacy and Numeracy (LLN) questionnaire. This quick questionnaire is used to determine your LLN skill level so that we can best support you in your studies.

During the course:

Training Arrangements

All the sessions are planned to ensure that you have a mixture of practical and theoretical components, and those classes cater for a wide variety of learning styles.

Students are required to attend 6 hours of online training session through LMS Moodle prior to attending 14 hours of face-to-face training and assessment sessions

Classroom settings will ensure full access to internet, whiteboards and trainer and assessor.

Students will be provided their learning and assessment materials through LMS, that they will use to develop their knowledge and understanding. All students will be provided with a range of learning support options and resources to help them achieve competency.

Assessment Arrangements

Assessment will be conducted individually/in groups. You will be provided with a Student Assessment Booklet for each unit of competency which includes:

Formative assessment

Is provided through class activities and observation.

Summative Assessment

All summative assessments are based on the principles of competency-based training and assessment. Students will be assessed in both theory and simulated practical skills.

A final summative assessment is conducted and recorded in the Assessment Kit.

You will be required to complete assessments in class.

Additional Support during the course:

All students will complete a language literacy and numeracy assessment upon enrolment to determine their learning support needs. All students will be provided with a range of learning support options and resources to help you achieve competency.

Where additional support needs have been identified an Individual Support Plan will be developed which may include:

- Mentoring from trainers
- Additional classes, tutorials, and workshops
- Computer and technology support
- Referral to external support services
- Reasonable adjustment to assessments

Provision of additional support services will be provided where necessary to enable students to participate in the same way as any other person regardless of whether support services have been required.

Equipment requirements: Students will be provided with all the equipment necessary for you to undertake training.

Recognised Prior Learning (RPL): SkillWise Training does not offer Recognition of Prior Learning (RPL) for this course. Due to the duration and cost of this short course, RPL assessment would have limited value to participants

Completion

At the Completion of this unit, Students will be awarded with a "Statement of Attainment" which will include the details of the Units of Competency that student has achieved competency after completing this.

For more information, please contact our friendly Student Support Officer on 03 9967 0737 or email your query at info@skillwisetraining.edu.au