

Axiom Compliance Learning

Restricted Electrical/ Disconnect Reconnect

UEERL0004 Disconnect - reconnect electrical equipment connected to low voltage installation wiring

Thank you for your interest in completing appropriate units of competency that best suit the required application to the Department of Fair Trading NSW for a restricted electrical work licence. The program provides you with the skills, knowledge and attitude to safely disconnect and reconnect fixed-wired electrical equipment.

Specifically, the course encompasses working safely, identifying supply arrangements, following isolation procedures, selecting and using testing and measuring devices, terminating and connecting cables and conductors, safely testing and reporting. It excludes disconnecting or reconnecting circuits at a switchboard or general electrical accessories or installing or altering any part of the fixed electrical wiring system (this requires a full electrical licence).

Upon successful completion, you will be in a position to apply for the endorsements intended for a restricted electrical licence.

Why have restricted Licences

The purpose of restricted electrical licensing is to allow appropriately trained and competent workers to undertake the straightforward disconnection/reconnection of electrical equipment where that electrical work is incidental to the person's principal function in the workplace. Remember, it is an offence to undertake electrical work without a licence. You can be fined \$22,000 as an individual or \$110,000 as a company for doing unlicensed electrical work (NSW). AS NZS 3760-2010 In-service safety inspection and testing of electrical equipment. Different states and territories may have regulatory mechanisms that apply to these units. Candidates are advised to check for regulatory limitations.

Disconnection and reconnection work is limited to:

- Disconnection and reconnection of electrical wiring at the equipment itself and only to the extent necessary to permit the non-electrical work to be performed.
- Replacement of equipment on a "like for like" basis.
- Testing necessary for the safe isolation of the equipment to be disconnected and reconnected
- Testing necessary for the safe operation of the equipment.
- Replacement of 'blown' fuses and resetting of 'tripped' circuit breakers.
- Equipment operation at voltages up to 1000V alternating current three-phase and 1500V direct current.

Enrol online, www.axiomcompliancelearning.com.au

[Restricted Electrical Licence course](#) training dates, choose the date and complete enrolment.

Disconnection and reconnection work does not include work:

- On new installations or the alteration of fixed wiring.
- Where high fault currents are possible.
- On complex electrical apparatus and circuits.
- Associated with fixed wiring other than disconnecting and reconnecting electrical equipment - this exclusion includes locating and rectifying faults of circuits at a switchboard or to general electrical accessories (including switches, socket outlets, circuit protective devices); or installation of or alteration to any part of the fixed electrical wiring system (defined as electrical wiring work).
- Associated with residential building work (for example, disconnection and replacement of stoves or hot water systems as part of a renovation) except when carried out by a plumber.
- On luminaires, including pre-assembled neon signs.
- On fixed-wired domestic appliances, accept where licencing permits.
- Installing lifts, inclinators and turntables, and in hazardous areas or on electrical equipment, that is a part of an explosion-protection technique.

Choosing your Training

Please refer to your local licensing body for details concerning the jurisdictional conditions and requirements for the issue of a license.

Course Fee \$2,350

UEERL0004 Disconnect - reconnect electrical equipment connected to low voltage (LV) installation wiring

Pre-requisite Unit

UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

Additional Course Fee \$400

UEERL0005 Locate and rectify faults in low voltage (LV) electrical equipment using set procedures

Pre-requisite Units

UEERL0004 Disconnect - reconnect electrical equipment connected to low voltage (LV) installation wiring

UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

Documentation you require

To achieve a licence from your states governing body (NSW Department of Fair Trading), you must have one of the following plus successful completion of relevant units.

-a Certificate III level qualification in a trade or higher education qualification that directly relates to the work to be performed, or

-a certified copy of an Australian Recognised Trade Certificate identifying the trade relevant to the endorsement category for which the applicant is applying, or

-a certified copy of a trade certificate issued by a State or Territory registration or accreditation authority identifying the trade relevant to the endorsement category for which the applicant is applying.

Trade certificate includes:

Certificate of Proficiency or Craft Certificate (NSW)

Certificate of Completion (Queensland)

Certificate of Recognition (South Australia), or

-a current endorsed contractor licence or current supervisor certificate to do plumbing, water plumbing or gas fitting, or

-a qualified supervisor certificate for disconnection and reconnection of fixed electrical equipment held immediately before 17 July 2012.

And

Complete the additional details form for disconnection and reconnection of fixed electrical equipment.

Recognition of Prior Learning

Students are required to notify Axiom Compliance Learning of their interest or intention to apply for RPL before their enrolment.

Duration - Disconnect Reconnect Licence

These units consist of on and off-the-job components with blended learning.

The off-the-job component is in a controlled compliant training room utilising Axiom Compliance testing equipment; this training component is conducted over a four full day period.

On-the-job - Consists of workplace experience. You will be required to complete a logbook performing tasks and skills on at least four occasions on-the-job after successful completion of your training (for each Disconnect – reconnect unit chosen), supervised by a suitably licenced person, e.g. Licenced Electrician. If you have no access to a suitably licenced person. Axiom Compliance can provide for an additional charge.

You have **6** months from the first day of class to suitably complete the assessment requirements of the course, off-the-job, on-the-job and theory. If your submitted assessment tasks are assessed as "Not yet satisfactory", you will be notified and given a 2nd opportunity for successful completion.

Please note: additional assessment charges apply- **\$65** if a **3rd** attempt is required.

Program outline

The course will be delivered using blended learning, a combination of one-on-one, group theory instruction, practical and workplace practice and assessment. The training is sequenced in a way that allows logical progression. You will be provided with professionally presented reference material and testing equipment to help you develop your knowledge of the subject.

Duration

The course is conducted from

8.00 am – 4.30 pm, four full consecutive days. (Tea and coffee only supplied)

Language, literacy and numeracy requirements

Language, literacy and numeracy (LLN) skill Level 3 is regarded as the "minimum required for individuals to meet the complex demands of everyday life and work in the emerging knowledge-based economy" The above units require level 3 for you to have adequate comprehension and writing skills in order to achieve competence. The licence requirement of prior completion of a certificate III or above you would have already shown you meet this level.

Assessment requirements

The assessment is conducted using a combination of realistic demonstrations, tasks, reports and knowledge tests. The following provides a brief explanation of the assessment methods applied:

Demonstration: You are required to demonstrate a range of skills whilst being observed by, or interacting with, the assessor. The activities will be clearly explained and always relate to duties relevant to your principle function in the workplace.

These activities allow the assessor to observe you applying your knowledge and skills during the practical activity.

Written Reports: You are required to produce a range of written records or reports based on real testing and inspection provided by the assessor.

Tasks: You are required to undertake a range of tasks in the context of your principle function in the workplace that the assessor provides. Tasks will require the creation of various documents (reports, risk assessments etc.). Tasks will be supervised and have practical components where you will be asked to provide the tasks' outcomes/results.

Knowledge Test: You are required to undertake some written knowledge tests throughout your study. These tests will be provided to you by the assessor; you will be required to complete the test individually. You may research your answers from the course training materials and notes as well as relevant references.

Workplace Supervisor Report:

Suitably licenced workplace supervisors will be asked to provide feedback about your performing tasks in the workplace. The supervisor will receive documentation to complete during tasks.

Venue/Dates & Times

Venue: Axiom Compliance currently provides training in Newcastle and Sydney regularly, with the capability to provide training onsite if numbers and venue permit. Dates on request.

What you will need on the first day of training.

Attire: Enclosed foot ware, comfortable casual clothing - long sleeve – workwear acceptable.

General classroom stationary: Basic calculator, pen, pencil, highlighter, ruler, eraser.

Equipment: Axiom Compliance will provide all equipment and PPE for classroom practicals except Insulated gloves; due to hygiene reasons, each participant must have their own gloves that comply with AS 2225-1994 (Insulating gloves for electrical purposes).

Upon completion, participants will require a clamp meter, a current tester with volt-ohms function and an insulation tester to perform disconnect and reconnect on the job.

Axiom Compliance has the appropriate disconnect/reconnect **testing equipment for sale** in kit form and approved gloves. If you currently have your equipment, such as meters and hand tools, bring it along, and the trainer can assess if adequate. (Please ensure your equipment is calibrated when required)

Student Information

Detailed student information is available within our [Student Information Booklet](#) supplied with the enrolment or on request; also located on our website. This booklet contains essential information about a student's rights and obligations, such as their right to privacy, a safe training environment and the right to complain or appeal an assessment decision. Persons applying for enrolment must have an opportunity to review this information first.

Course Recognition and completion

The restricted electrical/disconnect reconnect units are Nationally Recognised Training. Recognised throughout Australia by industry bodies, employers, accreditation schemes, and licencing applications.

A Statement of Attainment for completed units will be issued.

Procedures after enrolment.

- After enrolling online, we will contact the student to discuss their suitability for training.
- Enrolment confirmation will be emailed, including the invoice.
- Following the receipt of the minimum payment, we will confirm receipt via email, including the login details, to start training.
- Once the student has logged into our online learning platform, they can access course documentation, instructions, procedural videos & resources. The student has then commenced the course.
- Students will receive correspondence via email and a text message containing face-to-face course and venue information a few days before.

The student coordinators are available to discuss the login, resources, and other ways Axiom can support the student.

It is essential to Axiom Compliance Learning to provide quality training and a reduced risk for the COVID-19 virus. We have developed training resources such as online course documentation, interactive templates, procedural and instructional videos to facilitate a shorter face-to-face time of four days for this training.

Program Outline and Assessments

The course will be delivered face to face, with online workbooks, assessments, interactive templates and video tutorials. The professionally presented reference material and resources help students develop their knowledge of the subject. Training is sequenced to allow logical progression. The activities are clearly explained and always relate to the course and industry information, allowing the assessor to confirm that students can apply their knowledge and skills.

Tasks: Students will undertake a range of tasks that will require the creation of various documents, service reports, and outcomes typical in the industry.

On-the-job work logs: Will be completed in the workplace with a supervisor who is a licenced electrician or has a restricted electrical licence.

Written Reports: Using templates and available resources, students will produce a range of written service records based on real testing and inspections for assessment.

Knowledge Test: Students will undertake knowledge tests throughout their study— progressively as subjects are covered, completion of tests is required. Students may research the answers from the course training materials and notes, and relevant references.

Venue/Dates & Times

Venue: Axiom Compliance can provide Training in Newcastle, Sydney, Byron Bay, and Brisbane with the capability to provide onsite training for one or multiple students throughout Australia.

Dates on request or see website www.axiomcompliance.com.au training dates.

How to enrol?

Enrol online, www.axiomcompliancelearning.com.au

[Restricted Electrical Licence course](#) training dates, choose the date and complete enrolment.

Dates could be rescheduled depending on COVID-19 restrictions for face-to-face training. This course is in high demand enrol to ensure face-to-face placement, only eight placements per course.

Payment is not required when enrolling; we will contact the enrollee and email an invoice, payment of the invoice per student to secure placement and commence the online component.

For any further assistance, call; we are here to help.

Axiom Compliance Learning

87 Elder St Lambton 2299

PO Box 39 Lambton 2299

Ph 02 49539959 ABN 89079014850, RTO 40918

admin@axiomcompliance.com.au

www.axiomcompliancelearning.com.au

