



Identify, Assess and Control



**UETTDRI S20B Install and Replace
Energy Meters and Associated Equipment**
IAC Safety Services^â NTIS Code 91031



This module is presented on behalf of Electro Skills
RTO 181550-90225.

Participants: Person(s), whose duties may require them to install and replace energy meters and associated equipment, should undertake this unit. Upon successful completion of this Unit of Competency you will be eligible to apply for Level 2 Category IV Metering (types 5-6) and energised installation Accredited Service Provider status.

Learning Outcomes: At the completion of this training course, you should be able to:

1 Prepare for the installation and replacement of energy meters and associated equipment

1.1 Works schedule(s), including drawings, plans, requirements, established procedures, and material lists, are received, analysed and confirmed, if necessary, by site inspection.

1.2 Relevant requirements and established procedures for the work are communicated to all personnel and identified for all work sites.

1.3 OHS policies and procedures related to requirements and established procedures for the installation and replacement of energy meters and associated equipment are obtained and confirmed for the purposes of the work to be performed and communicated.

1.4 Work is prioritised and sequenced following consultation with others for completion within acceptable timeframes and in accordance with established procedures.

1.5 Hazards are identified, OHS risks assessed and control measures are prioritised, implemented and monitored including emergency exits kept clear according to established procedures.

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1.6 Resources including personnel, equipment, tools and Resources including personnel, equipment, tools and personnel protective equipment required for the job are obtained and confirmed in working order.

1.7 Relevant personnel at worksite are confirmed current in First Aid, Rescue and other related work procedures according to requirements.

1.8 Liaison and communication issues with other/authorised personnel, authorities, clients and land owners are resolved to carry out work where necessary.

1.9 Site is prepared according to the work schedule and to minimise risk and damage to property, commerce, and individuals in accordance with established procedures.

1.10 Personnel participating in the work, including plant operators and contractors, are fully briefed and respective responsibilities confirmed where applicable in accordance with established procedures.

1.11 Road signs, barriers and warning devices are positioned in accordance with requirements.

2 Carry out the installation and replacement of energy meters and associated equipment

2.1 OHS and Sustainable Energy principles and practices to reduce the incidents of accidents and minimise waste are monitored and followed in accordance with requirements and/or established procedures.

2.2 Lifting and use of power tools/equipment, techniques and practices are safely followed and, currency according to requirements confirmed.

2.3 Essential Knowledge and Associated Skills are applied in the safe installation and replacement of energy meters and associated equipment to ensure completion in an agreed timeframe and, to quality standards with a minimum of waste according to requirements.

2.4 Installation and/or replacement of energy meters and associated equipment is carried out, including, as required, wiring, testing, programming and sealing and of meter(s) and associated equipment in accordance with requirements and enterprise requirements.

2.5 Hazard warnings and safety signs are recognised and hazards and assessed OHS risks are reported to the immediate authorised persons for directions according to established procedures.



2.6 Unplanned events during the installation and replacement of energy meters and associated equipment are undertaken within the scope of established procedures.

2.7 Known solutions to a variety of problems are applied using acquired Essential Knowledge and Associated Skills.

2.8 On going checks of quality of the work are undertaken in accordance with instructions and established procedures.

3 Complete the installation and replacement of energy meters and associated equipment

3.1 Work undertaken is checked/tested against works schedule for conformance with requirements and anomalies reported in accordance with established procedures.

3.2 Accidents and/or injuries are reported in accordance with requirements/established procedures, where applicable.

3.3 Work site is rehabilitated, cleaned up and made safe in accordance with established procedures.

3.4 Tools, equipment and any surplus resources and materials are, where appropriate, cleaned, checked and returned to storage in accordance with established procedures.

3.5 Works completion records, reports, as installed /modified drawing and/or documentation and information are finalised and processed and appropriate personnel notified.

Pre-Requisites: You must provide evidence that you are deemed competent in either

- § ETTDRCJ03B Install and maintain de-energised HV underground paper insulated cables; or
- § UETTDRCJ07B Install and maintain de-energised HV underground polymeric insulated cables; or
- § UETTDRI S02B Maintain electrical equipment (network infrastructure); or
- § UETTDRI S14B Install and maintain overhead conductors and cables (poles and structures); or
- § UETTD RTP09B Install and maintain overhead conductors and cables (towers).

There are no concurrent assessment recommendations for this unit.



Delivery: This course is designed for classroom based delivery and field training, with both practical demonstrations and simulated conditions. Assessment is by means of both a written exam and practical competency assessments.

Duration: 4 Days.

Location: Locations for the training are chosen to best suit your requirements. However, the venue must have adequate facilities to allow for simulated conditions when performing practical competencies.

Personal Protective Equipment (PPE): You will need to visit workplaces as part of your learning experience. Compulsory PPE obligations apply to these workplaces as they are deemed Construction Sites. You must obtain and use the PPE according to specification. Attendance will be refused if you do not have and use your PPE correctly.



Fees: Prices available on application.