



**Australian Government**

# **UETTDRRF10B Provide first aid in an ESI environment**

**Release 2**

## UETTDRRF10B Provide first aid in an ESI environment

### Modification History

Release	Action		Details	Points
	Update	Pre-requisite	HLTAID001 Provide cardiopulmonary resuscitation	

### Unit Descriptor

#### Unit Descriptor

#### 1) Scope:

#### 1.1) Descriptor

This Competency Standard Unit covers the provision of first aid in an Electricity Supply Industry (ESI) environment. It includes the recognition and provision of an initial response where first aid is required in emergency situations by providing essential first aid using basic life support measures according to established workplace first aid policies and procedures.

### Application of the Unit

#### Application of the Unit 2)

This competency standard unit shall be selected as part of an endorsed skill set for the purposes of refresher training and/or to meet regulatory and/or network requirements.

Delivery and assessment of this unit should be undertaken within regard to the requirements of License to Practice (1.2 above), Prerequisite Competencies and Literacy and Numeracy skills (2 above) and the recommendations for concurrent assessment and relationship with other units (9.5 below).

Practice in the workplace and during training is also subject to regulations directly related to occupational health and safety and where applicable contracts of

training such as apprenticeships.

Note:

1. Compliance with permits may be required in various jurisdictions and typically relates to the operation of plant, machinery and equipment such as elevating work platforms, powder operated fixing tools, power operated tools, vehicles, road signage and traffic control and lifting equipment. Permits may also be required for some work environments such as confined spaces, working aloft, near live electrical apparatus and site rehabilitation.
2. Compliance may be required in various jurisdictions relating to currency in First Aid, confined space, lifting, risk safety measures etc

## Licensing/Regulatory Information

### License to practice

3)

The skills and knowledge described in this unit may require a licence/registration to practice in the work place subject to regulations for undertaking of electrical work. Practice in workplace and during training is also subject to regulations directly related to Occupational Health and Safety, electricity/telecommunications/gas/water industry safety and compliance, environmental protection, anti discrimination and training. Commonwealth, State/Territory or Local Government legislation and regulations may exist that limits the age of operating certain equipment.

ESI employees are required to maintain currency in this Unit for authorisation/approval to work on ESI Networks

## Pre-Requisites

### Prerequisite Unit(s)

4)

### Competencies

4.1)

Granting of competency in this unit shall be made only after competency in the following unit(s) has/have been confirmed.

**Prerequisite Unit(s)****4)**

Where pre-requisite pathways have been identified. All competencies in the Common Unit Group must have been completed.

Common Unit Group

Unit Code

Unit Title

HLTAID001

Provide cardiopulmonary resuscitation

**Literacy and numeracy skills****4.2)**

Participants are best equipped to achieve this unit if they have reading, writing and numeracy skills indicated by the following scales. Description of each scale is given in Volume 2, Part 3 “Literacy and Numeracy”

Reading 3

Writing 3

Numeracy 3

**Employability Skills Information****Employability Skills****5)**

This unit contains employability skills.

**Elements and Performance Criteria Pre-Content**

**6)** Elements describe the essential outcomes of a competency standard unit

Performance Criteria describe the required performance needed to demonstrate achievement of the element.  
Assessment of performance is to be consistent with the Evidence Guide.

## Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Prepare to provide first aid in an ESI environment	1.1 Identify physical hazards and risks to personal and others' health and safety according to established procedures.
	1.2 Assess the situation and decide on actions required.
	1.3 Seek assistance from others, if required.
2 Carry out the provision of first aid in an ESI environment	2.1 Assess the victim's physical condition and visible vital signs.
	2.2 Provide first aid to stabilise the victim's condition in accordance with recognised first aid procedures.
	2.3 Use available first aid equipment as appropriate.
	2.4 Notify emergency services appropriate to the situation.
	2.5 Convey information about the victim's condition accurately and clearly to emergency services personnel or health professionals.
3 Complete provision of first aid in an ESI environment	3.1 Processes for reporting accidents and/or incidents to authorised personnel are confirmed in accordance with established procedures.

## Required Skills and Knowledge

### REQUIRED SKILLS AND KNOWLEDGE

**8) Essential Knowledge and Associated Skills (EKAS):** This describes the essential skills and knowledge and their level, required for this unit.

Evidence shall show that knowledge has been acquired of the provision of first aid in an ESI environment.

All knowledge and skills detailed in this unit should be contextualised to current industry practices and technologies.

#### KS01-TRF10B First Aid in an ESI environment

Evidence shall show an understanding of First Aid in an ESI environment to an extent indicated by the following aspects:

**T1** Provision of First Aid in an emergency situation encompassing:

- Assessing hazards to rescuer, victim and others
- Involvement of external emergency services
- Knowledge of the treatment of electrical burns, shock, bites, stings, bleeding and electric shock

**T2** Skills required to provide First Aid in an emergency situation encompassing:

- Controlling hazards to rescuer, victim and others
- Use of available first aid equipment and resources
- Injury management using first aid principles

## Evidence Guide

### EVIDENCE GUIDE

**9)** This provides essential advice for assessment of the competency standard unit and must be read in conjunction with the Performance Criteria and the range statement of the competency standard unit and the Training Package Assessment Guidelines.

The Evidence Guide forms an integral part of this Competency Standard Unit and shall be used in conjunction with all component parts of this unit and, performed in accordance with the Assessment Guidelines of this Training Package.

#### Overview of Assessment 9.1)

In accordance with the National Refresher Training Recognition Protocol for the Electricity Supply Industry, this unit is identified as a Refresher Training unit and is only available for use by

industry to meet industry protocols and regulatory requirements.

Industry has defined Refresher Training as:

“A competency confirmation event which may include training, the purpose of which is to compensate for or prevent deterioration in a previously achieved standard of performance”

Under the protocol and the applicable State or Territory legislative and regulatory requirements, Electricity Supply Industry employees are required to maintain currency in this Unit for authorisation/approval to work on ESI Networks.

Industry accepts that opportunities to practice emergency procedures are generally restricted to simulated exercises in a controlled environment during competency confirmation programs.

The critical safety nature of working with electricity, electrical equipment, gas or any other hazardous substance/material carries risk in deeming a person competent. Hence, sources of evidence need to be ‘rich’ in nature so as to minimise error in judgment.

Methods chosen for a particular assessment will be influenced by various factors. These include the extent of the assessment, the most effective locations for the assessment activities to take place, access to physical resources, additional safety measures that may be required and the critical nature of the competencies being assessed.

These points are raised for the assessors to consider when choosing an assessment method and developing assessment instruments.

An industry endorsed Learning Assessment Plan (LAP) has been developed to support this unit.

**Critical aspects  
of evidence  
required to  
demonstrate  
competency in  
this unit**

**9.2)**

Before the critical aspects of evidence are considered all prerequisites shall be met.

Evidence for competence in this unit shall be considered holistically. Each element and associated Performance Criteria shall be demonstrated at each competency confirmation event.

In accordance with State and Territory regulations and the

“Assessment Guidelines – UET12”. Evidence shall also comprise:

- A performance demonstrated within the timeframes typically expected of the rescue procedure. In particular the assessment of this unit shall confirm that a candidate is able to:
  - Implement Occupational Health and Safety workplace procedures and practices including the use of risk control measures as specified in the Performance Criteria and range; and
  - Demonstrate an understanding of the essential knowledge and associated skills as described in this unit to such an extent that the learner’s performance outcome is reported in accordance with the preferred approach; namely a percentile graded result, where required by the regulated environment; and
  - Demonstrate an appropriate level of employability skills; and
- Conduct work observing the relevant Anti Discrimination legislation, regulations, policies and workplace procedures; and
- Demonstrated performance across a representative range of contexts from the prescribed items below:

<b>Range of tools/equipment/materials/procedures/workplaces/other variables</b>		
<b>Group No</b>	<b>The minimum number of items on which skill is to be demonstrated</b>	<b>Item List</b>
A	All, to the satisfaction of the assessor	Check site for danger to self, victim and others minimising the danger
B	At least two of the following to the satisfaction of the assessor	Management of: *Electrical burns Bites or stings Shock Bleeding Electrical Shock *Must do



C	All, to the satisfaction of the assessor	Monitor and Manage Victim Raising alarm with emergency services.
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### **Context of and specific resources for assessment 9.3)**

This unit should be assessed as it relates to normal work practice using procedures, information and resources typical of a workplace. This should include:

- OHS policy and work procedures and instructions.
- Suitable work environment, facilities, equipment and materials to safely undertake actual performance of the provision of first aid, in an ESI environment, in the workplace.

In addition to the resources listed above, in Context of and specific resources for assessment, evidence should show demonstrated competency working in a realistic environment and a variety of conditions.

### **Method of assessment 9.4)**

This Competency Standard Unit shall be assessed by methods given in Volume 1, Part 3 “Assessment Guidelines”.

Note:

Competent performance with inherent safe working practices is expected in the Industry to which this Competency Standard Unit applies. This requires that the specified essential knowledge and associated skills are assessed in a structured environment which is primarily intended for learning/assessment and incorporates all necessary equipment and facilities for learners to develop and demonstrate the essential knowledge and associated skills described in this unit.

**Concurrent  
assessment and  
relationship with  
other units**

**9.5)**

For optimisation of training and assessment effort, competence in this unit may be assessed concurrently with HLTAID001 Provide cardiopulmonary resuscitation

## Range Statement

### RANGE STATEMENT

**10)** This relates to the competency standard unit as a whole providing the range of contexts and conditions to which the Performance Criteria apply. It allows for different work environments and situations that will affect performance.

This Competency Standard Unit shall be demonstrated in relation to the provision of first aid in an ESI environment and may include the following:

Established first aid principles include checking the site for danger to self, victim and others and minimising the danger.

First aid management will need to take into consideration the use and availability of first aid equipment and resources.

Injury management may include; Electrical shock, Burns including thermal, chemical and friction, Bites or stings and bleeding.

The following constants and variables included in the element/Performance Criteria in this unit are fully described in the Definitions Section 1 of this volume and form an integral part of the Range Statement of this unit:

- Appropriate and relevant persons
- Assessing risk
- Assessment
- Authorisation
- Confined space
- Emergency
- Established procedures
- Fall prevention
- Hazards
- Identifying hazards
- Inspect
- Legislation
- Notification
- OHS practices
- OHS issues
- Permits and/or permits to work
- Personnel
- Requirements
- Testing procedures
- Work clearance systems

**Unit Sector(s)**

Not applicable.

**Competency Field**

<b>Competency Field</b>	<b>11)</b>
	Refresher Training Unit