



UET09
Electricity Supply Industry
Transmission, Distribution and Rail Sector Training
Package
Version 2

Volume 2 — Part 2.1
Competency Standard Units
RF – Refresher Training

Volume 2 of 2

Table of Contents

Refresher Units

UETDRRF01A.....	4
Apply ESI safety rules, codes of practice and procedures for work on or near electrical apparatus	4
UETDRRF02A.....	12
Perform pole top rescue.....	12
UETDRRF03A.....	19
Perform EWP rescue	19
UETDRRF04A.....	26
Perform tower rescue.....	26
UETDRRF05A.....	33
Perform rescue from switchyard structures at heights	33
UETDRRF06A.....	41
Perform rescue from a live LV panel	41
UETDRRF07A.....	48
Perform cable pit/trench/excavation rescue.....	48
UETDRRF08A.....	55
Perform EWP controlled descent escape.....	55
UETDRRF09A.....	62
Apply access procedures to work on or near electrical network infrastructure	62
UETDRRF10A.....	70
Provide first aid in an ESI environment	70

UETDRRF01A Apply ESI safety rules, codes of practice and procedures for work on or near electrical apparatus

Unit Descriptor

1)

1.1) Descriptor

This Competency Standard Unit covers the knowledge and application of Electricity Supply Industry (ESI) safety rules and codes of practice for work on or near electrical apparatus it includes the application of relevant State and Territory safety rules, codes of practice and enterprise based procedures and how they apply in the context of transmission, distribution or rail work functions. It encompasses responsibilities for, health, safety and risk management processes at all operative levels and adherence to safety practices as part of the normal way of doing work.

1.2) License to practice

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.

Prerequisite Unit(s)

2)

2.1) Competencies

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

nil

2.2) Literacy and numeracy skills

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 3)

This unit contains employability skills.

Application of the Unit 4)

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

Competency Field 5)

Refresher Training Unit.

ELEMENT

PERFORMANCE CRITERIA

6) Elements: 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.

1 Prepare to apply ESI safety rules, codes of practice and procedures for work on or near electrical apparatus

1.1 Relevant safety rules, codes of practice and procedures are identified and obtained

- | | | | |
|---|---|---|---|
| | 1.2 | Hazards and risk control measures for specific work functions/areas are identified and obtained. | |
| | 1.3 | The requirement for access authority/work permits required for work are identified and obtained from appropriate personnel according to established procedures. | |
| | 1.4 | Safety systems and equipment for work are prepared and placed to minimise and control hazards in accordance with established procedures | |
| 2 | Carry out application of ESI safety rules, codes of practice and procedures for work on or near electrical apparatus | 2.1 | Workplace procedures and work instructions for controlling risk are followed. |
| | | 2.2 | Safety rules, codes of practice and workplace procedures for induction to a worksite, are followed. |
| | | 2.3 | Specific workplace systems and equipment isolation procedures are followed. |
| | | 2.4 | Restricted workplace areas are identified including ingress and egress procedures. |
| | | 2.5 | Emergency procedures are identified including assembly areas, communication systems including audible alarms and processes according to established procedures. |
| 3 | Complete the application of ESI safety rules, codes of practice and procedures for work on or near electrical apparatus | 3.1 | Processes for completing work are applied, access authority/work permits where required are completed in accordance with established procedures. |

REQUIRED SKILLS AND KNOWLEDGE

7) 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 application of ESI safety rules, codes of practice and procedures for work on or near electrical apparatus.

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

The extent of the essential knowledge and associated skills (EKAS) required is given in Volume 2 - Part 2.2 EKAS. It forms an integral part of this unit.

T2.5.5 Powerline clearances and approach distances

RANGE STATEMENT

8) 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 application of ESI safety rules, codes of practice and procedures for work on or near electrical apparatus and may include the following:

Applying work procedures and instructions as they apply to risk control and personal safety measures.

Participation in consultation processes, identifying hazards and implementing and monitoring control measures at the work site.

Application of minimum approach distances for personnel, vehicles and insulated/non insulated mobile plant.

Application of access procedures and or permit systems. (access authority/access permit/work permit)

Laying out and delineating a work area within a high risk work environment.

Application of control measures for spurious currents and voltages in inductive environments.

Work within electric and magnetic fields

It may also include the application of control measures to create equipotential work areas,

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

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 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 – UET09”. Evidence shall also comprise:

A performance demonstrated within the timeframes typically expected of the 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:

Range of tools/equipment/materials/procedures/workplaces/other variables		
Group No	The minimum number of items on which skill is to be demonstrated	Item List
A	All, to the satisfaction of the network	Application of SAD’s to <ul style="list-style-type: none"> • Personnel

	operator's assessor	<ul style="list-style-type: none"> • Vehicles • Insulated mobile plant • Non insulated mobile plant
B	All, to the satisfaction of the network operator's assessor	Hazard Identification Risk assessment & control Consultation & Communications Personal Protective Equipment Use of Safety observers Work within electric and magnetic fields
C	All, to the satisfaction of the network operator's assessor	Access Authority/Permits to work

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 application of ESI safety rules, codes of practice and procedures for work on or near electrical apparatus 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 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 is not recommended to be assessed concurrently with any other unit.

UETTDRRF02A Perform pole top rescue

Unit Descriptor

1)

1.1) Descriptor

This Competency Standard Unit covers the performance of pole top rescue procedures as an emergency procedure required in the work place. It specifies the mandatory requirements of rescue from a pole top and how they apply in the context of transmission, distribution and rail work functions. It encompasses responsibilities for rescue, health, safety and risk management processes at all operative levels and adherence to safety practices as part of the normal way of doing work.

1.2) License to practice

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.

Prerequisite Unit(s)

2)

2.1) Competencies

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

nil

2.2) Literacy and numeracy skills

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
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Employability Skills

3)

This unit contains employability skills

Application of the Unit 4)

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

Competency Field 5)

Refresher Training Unit.

ELEMENT

PERFORMANCE CRITERIA

6) Elements: 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.

1 Prepare to perform pole top rescue

- 1.1 Instruction in hazards and risk control measures for specific work functions and work areas are identified and obtained. (this will include the risk assessment and control measures taken by the individual performing the rescue)
- 1.2 Tools and equipment needed for rescue are checked for inspection date, safety, and functionality and placed in an accessible location.

2	Carry out pole top rescue.	2.1	Workplace procedures and work instructions for controlling risk are followed.
		2.2	Workplace procedures for accessing the pole top, removing the victim from contact with live apparatus and lowering the victim to the ground are followed.
		2.3	Workplace procedures for applying first aid at the site and treatment by a medical professional are followed.
		2.4	The worksite is secured and entry controlled until appropriate authorities inspect and release the site.
3	Complete the pole top rescue procedure	3.1	Processes for reporting accidents and/or incidents to authorised personnel are confirmed in accordance with established procedures.

REQUIRED SKILLS AND KNOWLEDGE

7) 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 pole top rescue equipment and procedures.

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

The extent of the essential knowledge and associated skills (EKAS) required is given in Volume 2 - Part 2.2 EKAS. It forms an integral part of this unit.

T2.5.5 Powerline clearances and approach distances

RANGE STATEMENT

8) 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 performing pole top rescue procedures in the workplace and will include the following:

Applying rescue procedures as applicable to poles which may include; wood, spun concrete, steel/concrete, steel, and composites with cross arms which may include; wood, steel, and composites.

Inspection and placement of rescue equipment to facilitate a prompt response and rescue from an incident at the pole top.

Applying work procedures and instructions to risk control and personal safety measures.

Accessing the pole top and placing, securing and attaching the rescue equipment/lowering device to the victim in accordance with workplace procedures.

Removing the victim from contact with any live conductors/apparatus and performing first

aid at the pole top in accordance with workplace procedures.

Lowering the victim to the ground and performing first aid in accordance with workplace procedures.

Facilitating treatment by medical professionals when and where required

Participation in consultation processes, identifying hazards and implementing and monitoring control measures at the work site.

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
- Emergency
- Established procedures
- Fall prevention
- Hazards
- Identifying hazards
- Inspect
- Legislation
- Notification
- OHS practices
- OHS issues
- Permits and/or permits to work
- Personnel
- Requirements
- Rescue Equipment Testing procedures
- Work clearance systems

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 has been developed to support this unit.

Critical aspects
of evidence
required to

9.2)

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

demonstrate competency in this unit

- 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 – UET09”. 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.
- Demonstrated performance across a representative range of contexts from the prescribed items below:

Range of tools/equipment/materials/procedures/workplaces/other variables		
Group No	The minimum number of items on which skill is to be demonstrated	Item List
A	All, to the satisfaction of the network operator’s assessor:	Inspection and placement of rescue equipment
B	All, to the satisfaction of the network operator’s assessor	Perform pole top rescue

Context of and specific resources for assessment

9.3)

This unit should be assessed as it relates to organisational rescue 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 pole top rescue

procedures 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 is not recommended to be assessed concurrently with any other unit.

UETDRRF03A Perform EWP rescue

Unit Descriptor

1)

1.1) Descriptor

This Competency Standard Unit covers the performance of rescue procedures from an Elevating Work Platform (EWP) in the work place. It specifies the mandatory requirements of rescue from a raised EWP by a work party member on the ground and how they apply in the context of transmission, distribution or rail work functions. It encompasses responsibilities for, health, safety and risk management processes at all operative levels and adherence to safety practices as part of the normal way of doing work.

1.2) License to practice

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.

Prerequisite Unit(s)

2)

2.1) Competencies

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

HLTCPR201A – Perform CPR

2.2) Literacy and numeracy skills

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
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Employability Skills

3)

This unit contains employability skills.

Application of the Unit 4)

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

Competency Field 5)

Refresher Training Unit.

ELEMENT

PERFORMANCE CRITERIA

6) Elements: 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.

1	Prepare to perform EWP rescue procedures	1.1	Instruction in hazards and risk control measures for specific work areas and work activities are identified and obtained.
		1.2	Systems for emergency rescue are checked for operation according to mobile plant instructions and established procedures.
		1.3	Tools and equipment needed for rescue are identified checked for safety, functionality and accessibility according to established procedures.

2	Carry out EWP rescue procedure.	2.1	Workplace procedures and work instructions for controlling risk are followed accurately.
		2.2	Workplace procedures for removing the victim, where necessary, from contact with or in vicinity of live apparatus and lowering the EWP to the ground are followed accurately
		2.3	Workplace procedures for removing the victim from the EWP and applying CPR at the site where applicable are followed completely.
		2.4	Workplace procedures to access treatment by medical professionals are followed accurately.
		2.5	Hazards are controlled and monitored through active participation in consultation with employer and other employees.
		2.6	The worksite is secured and entry controlled until appropriate authorities inspect and release the site.
3	Complete the EWP rescue procedure	3.1	Processes for reporting accidents and/or incidents to authorised personnel are confirmed in accordance with established procedures

REQUIRED SKILLS AND KNOWLEDGE

7) 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 performing EWP rescue procedure.

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

The extent of the essential knowledge and associated skills (EKAS) required is given in Volume 2 - Part 2.2 EKAS. It forms an integral part of this unit.

T2.5.5 Powerline clearances and approach distances

RANGE STATEMENT

8) 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 EWP rescue procedures in the workplace and will include the following:

Applying work procedures and instructions as they apply to risk control and personal safety measures.

Inspection and function of emergency equipment to facilitate a prompt response and rescue

from a raised EWP.

Accessing emergency lowering device in accordance with mobile equipment instructions/workplace procedures.

Removing the victim from contact with or in vicinity of live apparatus in accordance with workplace procedures.

Operation of emergency lowering device in accordance with mobile equipment instructions/workplace procedures.

Lowering the victim to the ground and performing CPR in accordance with workplace procedures.

Participation in consultation processes, identifying hazards and implementing and monitoring control measures at the work site.

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
- 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

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) Overview:

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 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 – UET09”. Evidence shall also comprise:

- 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:

Range of tools/equipment/materials/procedures/workplaces/other variables		
Group No	The minimum number of items on which skill is to be demonstrated	Item List
A	All, to the satisfaction of the network operator’s assessor	Applying work procedures and instructions to manage and control personal risk and safety.
B	All, to the satisfaction of the network operator’s assessor	Identification of operational instructions and confirmation of the function of emergency equipment to facilitate rescue from an incident in an EWP
C	All, to the satisfaction of the network operator’s assessor	Accessing controls and lowering the EWP in accordance with mobile equipment instructions/workplace procedures.

D	All, to the satisfaction of the network operator’s assessor	Removing the victim from the EWP to the ground and performing CPR in accordance with workplace procedures
E	All, to the satisfaction of the network operator’s assessor	Participation in consultation processes, identifying hazards and implementing and monitoring control measures at the work site

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 EWP rescue procedures 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 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 is not recommended to be assessed concurrently with any other unit.

UETDRRF04A Perform tower rescue

Unit Descriptor

1)

1.1) Descriptor

This Competency Standard Unit covers the performance of rescue procedures from a tower in the work place. It specifies the mandatory requirements of rescue from a tower and how they apply in the context of transmission, distribution or rail work functions. It encompasses responsibilities for, health, safety and risk management processes at all operative levels and adherence to safety practices as part of the normal way of doing work.

1.2) License to practice

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.

Prerequisite Unit(s)

2)

2.1) Competencies

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

nil

2.2 Literacy and numeracy skills

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
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Employability Skills

3)

This unit contains employability skills.

Application of the Unit 4)

This competency standard unit

shall only be selected as part of an endorsed skill set for the purposes of refresher training and/or 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

Competency Field 5)

Refresher Training Unit

ELEMENT

PERFORMANCE CRITERIA

6) Elements: 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.

1 Prepare to perform tower rescue

1.1 Instruction in hazards and risk control measures for specific work areas and work activities are identified and obtained.

1.2 Preparations are carried out and systems and equipment placed to prevent and control hazards according to established procedures.

- | | | |
|---|--|---|
| | 1.3 | Tools and emergency equipment are checked for safety, functionality and placed in an accessible location to facilitate response and rescue according to established procedures. |
| 2 | Carry out tower rescue | 2.1 Workplace procedures and work instructions for controlling risk are followed. |
| | 2.2 | Workplace procedures for accessing the tower, removing the victim, where necessary, from contact with live apparatus and attaching the emergency lowering equipment are followed. |
| | 2.3 | Workplace procedures for lowering the victim to the ground and applying first aid at the site are followed. |
| | 2.4 | Workplace procedures for gaining access to medical professional for further treatment as required are followed. |
| | 2.5 | The worksite is secured and entry controlled until appropriate authorities inspect and release the site. |
| 3 | Complete the performance of the tower rescue procedure | 3.1 Processes for reporting to accidents and/or incidents to authorised personnel are confirmed in accordance with established procedures. |

REQUIRED SKILLS AND KNOWLEDGE

7) 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 with regard to the performance of tower rescue procedure.

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

The extent of the essential knowledge and associated skills (EKAS) required is given in Volume 2 - Part 2.2 EKAS. It forms an integral part of this unit.

T2.3.1 Powerline safety practices

T2.5.5 Powerline Clearances and approach distances

RANGE STATEMENT

8) 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 performing tower rescue procedures in the workplace and will include the following:

Inspection and placement of rescue equipment to facilitate a prompt response and rescue from an incident at the workplace.

Applying work procedures and instructions as they apply to risk control and personal safety measures.

Accessing the tower and placing, securing and attaching the lowering device to the victim in accordance with workplace procedures.

Removing the victim from contact with any live conductors/apparatus and performing first aid at the tower in accordance with workplace procedures.

Lowering the victim to the ground and performing first aid in accordance with workplace procedures.

Participation in consultation processes, identifying hazards and implementing and monitoring control measures at the work site.

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
- 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

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 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 – UET09”. 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:

Range of tools/equipment/materials/procedures/workplaces/other variables		
Group No	The minimum number of items on which skill is to be demonstrated	Item List
A	All, to the satisfaction of the network operator’s assessor	Participation in consultation processes, identifying hazards and implementing and monitoring control measures at the work site
B	All, to the satisfaction of the network operator’s assessor	Inspection and placement of rescue equipment to facilitate prompt response and rescue from an incident in a tower
C	All, to the satisfaction of the network operator’s assessor	Applying work procedures and instructions for personal risk control and safety

D	All, to the satisfaction of the network operator’s assessor	Accessing the tower and placing, securing and attaching the emergency lowering equipment
E	All, to the satisfaction of the network operator’s assessor	Removing the victim from contact with any live conductors/apparatus and performing first aid in the tower in accordance with workplace procedures
F	All, to the satisfaction of the network operator’s assessor	Attaching the emergency lowering equipment to the victim, lowering the victim to the ground and performing first aid in accordance with workplace procedures

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 tower rescue procedures 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 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 is not recommended to be assessed concurrently with any other unit.

UETTDRRF05A Perform rescue from switchyard structures at heights

Unit Descriptor

1)

1.1) Descriptor

This Competency Standard Unit covers the performance of rescue procedures from switchyard structures at heights in the work place. It specifies the mandatory requirements of rescue from switchyard structures and how they apply in the context of transmission, distribution or rail work functions. It encompasses responsibilities for health, safety and risk management processes at all operative levels and adherence to safety practices as part of the normal way of doing work.

1.2) License to practice

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.

Prerequisite Unit(s)

2)

2.1) Competencies

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

nil

2.2) Literacy and numeracy skills

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
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Employability Skills

3)

This unit contains employability skills.

Application of the Unit 4)

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

Competency Field 5)

Refresher Training Unit

ELEMENT

PERFORMANCE CRITERIA

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.

1 Prepare to perform rescue from switchyard structures at heights

1.1 Instruction in hazards and risk control measures for specific work areas and work activities are identified and obtained.

1.2 Systems and emergency rescue equipment are identified and placed to minimise and control hazards according to established procedures.

1.3 Tools and emergency equipment needed for a rescue are checked for safety, functionality and placed according to established procedures.

2	Carry out rescue from switchyard structures at heights	2.1	Workplace procedures and work instructions for controlling risk are followed.
		2.2	Workplace procedures for accessing the switchyard structure, removing the victim where necessary, from contact with live apparatus are followed.
		2.3	Workplace procedures for attaching the emergency lowering equipment and lowering the victim to the ground are followed.
		2.4	Workplace procedures for applying first aid at the site and gaining access to treatment by a medical professional if necessary are followed.
		2.5	The worksite is secured and entry controlled until appropriate authorities inspect and release the site.
3	Complete rescue procedures from switchyard structures at heights	3.1	Processes for reporting accidents and/or incidents to authorised personnel are confirmed in accordance with established procedures.

REQUIRED SKILLS AND KNOWLEDGE

7) 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 procedures required to perform rescue at heights from switchyard structures.

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

The extent of the essential knowledge and associated skills (EKAS) required is given in Volume 2 - Part 2.2 EKAS. It forms an integral part of this unit.

T2.5.5 Powerline clearances and approach distances

RANGE STATEMENT

8) 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 performing rescue procedure at heights from switchyard structures in the workplace and will include the following:

Inspection and placement of rescue equipment to facilitate a prompt response and rescue from an incident from switchyard structures.

Applying work procedures and instructions as they apply to risk control and personal safety measures.

Accessing switchyard structures and placing, securing and attaching the lowering device to

the victim in accordance with workplace procedures.

Removing the victim from contact with any live conductors/apparatus and performing first aid at the switchyard structure in accordance with workplace procedures.

Lowering the victim to the ground and performing first aid in accordance with workplace procedures.

Initiating additional assistance and treatment by medical professional in accordance with workplace procedures.

Participation in consultation processes, identifying hazards and implementing and monitoring control measures at the work site.

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
- 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

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 has been developed to support this unit.

Critical aspects of evidence required to

9.2)

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

demonstrate competency in this unit

- 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 – UET09”. Evidence shall also comprise:

- A performance demonstrated within the timeframes typically expected of the rescue procedure. In particular the assessment of this units 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:

Range of tools/equipment/materials/procedures/workplaces/other variables		
Group No	The minimum number of items on which skill is to be demonstrated	Item List
A	All, to the satisfaction of the network operator’s assessor	Participation in consultation processes, identifying hazards and implementing and monitoring control measures at the work site.
B	All, to the satisfaction of the network operator’s assessor	Applying work procedures and instructions as they apply to personal risk control and safety
C	All, to the satisfaction of the network operator’s assessor	Inspection and placement of emergency rescue equipment to facilitate rescue from an accident/incident on a switchyard structure

D	All, to the satisfaction of the network operator's assessor	Accessing the switchyard structure, attaching and securing the emergency rescue equipment in accordance with workplace procedures
E	All, to the satisfaction of the network operator's assessor	Removing the victim from contact with any live conductors/apparatus, attaching the emergency rescue equipment and, where appropriate performing first aid in the switchyard structure in accordance with workplace procedures
F	All, to the satisfaction of the network operator's assessor	Lowering the victim to the ground and performing first aid in accordance with workplace procedures
G	All, to the satisfaction of the network operator's assessor	Initiating additional assistance and treatment by medical professional in accordance with workplace procedures

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 rescue procedures at heights from switchyard structures 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 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 is not recommended to be assessed concurrently with any other unit.

UETTDRRF06A Perform rescue from a live LV panel

Unit Descriptor

1)

1.1) Descriptor

This Competency Standard Unit covers the performance of rescue procedures from live LV apparatus, not including overhead lines and underground cables in the work place. It specifies the mandatory requirements of rescue from a live LV panel and how they apply in the context of transmission, distribution or rail work functions. It encompasses responsibilities for, health, safety and risk management processes at all operative levels and adherence to safety practices as part of the normal way of doing work.

1.2) License to practice

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.

Prerequisite Unit(s)

2)

2.1) Competencies

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

HLTCPR201A - Perform CPR

2.2) Literacy and numeracy skills

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
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Employability Skills

3)

This unit contains employability skills.

Application of the Unit 4)

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

Competency Field 5)

Refresher Training Unit.

ELEMENT

PERFORMANCE CRITERIA

6) Elements: 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.

1	Prepare to perform rescue procedures from live LV panel	1.1	Instruction in hazards and risk control measures for specific work functions and work areas are identified and obtained.
		1.2	Electricity isolation point is identified and labelled where appropriate.
		1.3	Tools and equipment needed for a rescue are checked for safety, functionality and placed in an accessible location according to established procedures.

2	Carry out rescue from live LV panel	2.1	Workplace procedures and work instructions for controlling risk are followed.
		2.2	Workplace procedures for accessing and isolating the LV panel are followed.
		2.3	Workplace procedures for removing the victim, where necessary, from contact with live apparatus are followed.
		2.4	Workplace procedures for applying CPR at the worksite and where required, treatment by medical professionals are followed.
		2.5	Hazards are controlled and monitored through active participation in consultation with employer and other employees.
		2.6	The worksite is secured and entry controlled until appropriate authorities inspect and release the site.
3	Complete the LV panel rescue procedure	3.1	Processes for reporting accidents and/or incidents to authorised personnel are confirmed in accordance with established procedures.

REQUIRED SKILLS AND KNOWLEDGE

7) 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 performing rescue from LV panel procedures.

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

The extent of the essential knowledge and associated skills (EKAS) required is given in Volume 2 - Part 2.2 EKAS. It forms an integral part of this unit.

T2.5.5 Powerline clearances and approach distances

RANGE STATEMENT

8) 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 performing rescue procedures from live LV panel in the workplace and will include the following:

Inspection and placement of rescue equipment to facilitate a prompt response and rescue of a victim from an incident in a live LV panel.

Identification and labelling of the isolation point

Applying work procedures and instructions as they apply to risk control and personal safety

measures.

Isolating the electricity supply by utilizing the appropriate apparatus

Removing the victim from contact with live conductors/apparatus and perform CPR

Participation in consultation processes, identifying hazards and implementing and monitoring control measures at the work site.

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

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 has been developed to support this unit.

Critical aspects of evidence required to

9.2)

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

demonstrate competency in this unit

- 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 – UET09”. 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:

Range of tools/equipment/materials/procedures/workplaces/other variables		
Group No	The minimum number of items on which skill is to be demonstrated	Item List
A	All, to the satisfaction of the network operator’s assessor:	Participation in consultation processes, identifying hazards and implementing and monitoring control measures at the work site
B	All, to the satisfaction of the network operator’s assessor	Inspection and placement of rescue equipment to facilitate a prompt response and rescue from an accident/incident in a live LV panel
C	All, to the satisfaction of the network operator’s assessor	Identification and labelling of the isolation point
D	All, to the satisfaction of the network operator’s assessor	Applying work procedures and instructions as they apply to risk control and personal safety measures

E	All, to the satisfaction of the network operator's assessor	Removing the victim from contact with live conductors/apparatus in accordance with workplace procedures
F	All, to the satisfaction of the network operator's assessor	Perform CPR in accordance with workplace procedures.
G	All, to the satisfaction of the network operator's assessor	Demonstrating knowledge of the process to access treatment from medical professionals in accordance with workplace procedures.

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 performance of LV panel rescue procedures 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 is not recommended to be assessed concurrently with any other unit.

UETTDRRF07A Perform cable pit/trench/excavation rescue

Unit Descriptor

1)

1.1) Descriptor

This Competency Standard Unit covers the performance of cable pit/trench/excavation rescue procedures as they apply to live LV cable jointing in the work place. It specifies the mandatory requirements of rescue from a cable pit/trench/excavation and how they apply in the context of transmission, distribution or rail work functions. It encompasses responsibilities for health, safety and risk management processes at all operative levels and adherence to safety practices as part of the normal way of doing work.

1.2) License to practice

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.

Prerequisite Unit(s)

2)

2.1) Competencies

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

HLTCPR201A – Perform CPR

2.2) Literacy and numeracy skills

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
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Employability Skills 3)

This unit contains employability skills.

Application of the Unit 4)

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

Competency Field 5)

Refresher Training Unit..

ELEMENT

PERFORMANCE CRITERIA

6) Elements: 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.

1 Prepare to perform cable pit/trench/excavation rescue

1.1 Instruction in hazards and risk control measures for specific work functions and work areas are identified and obtained.

1.2 Preparations for pit/trench/excavation rescue are carried out and systems and equipment placed according to established procedures.

	1.3	Tools and emergency equipment needed for a rescue are checked for safety, functionality and accessible according to established procedures.	
2	Carry out cable pit/trench/excavation rescue	2.1	Workplace procedures and work instructions for controlling risk are followed.
		2.2	Workplace procedures for accessing the cable pit/trench/excavation, removing the victim, where necessary, from contact with live apparatus are followed.
		2.3	Workplace procedures for carrying out CPR at the site and treatment where necessary by medical professionals are followed.
		2.4	Hazards are controlled and monitored through active participation in consultation with employer and other employees.
		2.5	The worksite is secured and entry controlled until appropriate authorities release the site.
3	Complete the cable pit/trench/excavation rescue procedures	3.1	Processes for reporting accidents and/or incidents to authorised personnel are confirmed in accordance with established procedures.

REQUIRED SKILLS AND KNOWLEDGE

7) 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 cable pit/trench/excavation rescue procedures.

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

The extent of the essential knowledge and associated skills (EKAS) required is given in Volume 2 - Part 2.2 EKAS. It forms an integral part of this unit.

T2.3.1 Powerline safety practices

T2.5.5 Powerline clearances and approach distances

RANGE STATEMENT

8) 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 performing cable pit/trench/excavation rescue procedures in the workplace and will include the following:

Inspection and placement of rescue equipment to facilitate a prompt response and rescue

from an incident at the cable pit/trench/excavation.

Applying work procedures and instructions as they apply to risk control and personal safety measures.

Accessing the cable pit/trench/excavation in accordance with workplace procedures.

Removing the victim from contact with any live conductors/apparatus and performing first aid in the cable pit/trench/excavation in accordance with workplace procedures.

Removing the victim from the cable pit/trench/excavation and performing CPR in accordance with workplace procedures.

Participation in consultation processes, identifying hazards and implementing and monitoring control measures at the work site.

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

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 has been developed to support this unit.

the Assessment Guidelines of this Training Package.

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 – UET09”. 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:

Range of tools/equipment/materials/procedures/workplaces/other variables		
Group No	The minimum number of items on which skill is to be demonstrated	Item List
A	All, to the satisfaction of the network operator’s assessor:	Participation in consultation processes, identifying hazards and implementing and monitoring control measures at the work site
B	All, to the satisfaction of the network operator’s assessor	Applying work procedures and instructions as they apply to personal risk control and safety
C	All, to the satisfaction of the network operator’s assessor	Inspection and placement of rescue equipment to facilitate a prompt response and rescue from an accident/incident in a cable pit/trench/excavation

D	All, to the satisfaction of the network operator’s assessor	Accessing the cable pit/trench/excavation in accordance with workplace procedures
E	All, to the satisfaction of the network operator’s assessor	Removing the victim from contact with any live conductors/apparatus and removing the victim from the pit/trench/excavation in accordance with workplace procedures
F	All, to the satisfaction of the network operator’s assessor	Performing CPR in accordance with workplace procedures

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 performance of cable pit/trench/excavation rescue procedures 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 is not recommended to be assessed concurrently with any other unit.

UETDRRF08A Perform EWP controlled descent escape

Unit Descriptor

1)

1.1) Descriptor

This Competency Standard Unit covers the performance of Elevating Work Platform (EWP) controlled descent escape procedures in the work place. It specifies the mandatory requirements for self rescue from a raised EWP and how they apply in the context of transmission, distribution or rail work functions. It encompasses responsibilities for, health, safety and risk management processes at all operative levels and adherence to safety practices as part of the normal way of doing work.

1.2) License to practice

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.

Prerequisite Unit(s)

2)

2.1) Competencies

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

nil

2.2) Literacy and numeracy skills

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
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Employability Skills

3)

This unit contains employability skills.

Application of the Unit 4)

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

Competency Field 5)

Refresher Training Unit

ELEMENT

PERFORMANCE CRITERIA

6) Elements: 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.

1 Prepare to perform EWP controlled descent escape

- 1.1 Instruction in hazards and risk control measures for specific work areas and work activities are identified and obtained.
- 1.2 Preparations for work are carried out and emergency systems and equipment are identified according to established procedures.
- 1.3 Tools and emergency descent equipment is checked for safety, function and placed to ensure accessibility according to established procedures.

2	Carry out EWP controlled descent escape	2.1	Workplace procedures and work instructions for controlling risk are followed accurately.
		2.2	Workplace procedures for evacuating a EWP bucket employing emergency descent equipment are followed accurately.
		2.3	Hazards are controlled and monitored through active participation in consultation with employer and other employees.
		2.4	The worksite is secured and entry controlled until appropriate authorities inspect and release the site.
3	Complete the EWP controlled descent escape procedure	3.1	Processes for reporting accidents and/or incidents to authorised personnel are confirmed in accordance with established procedures.

REQUIRED SKILLS AND KNOWLEDGE

7) 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 EWP controlled descent escape procedures.

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

The extent of the essential knowledge and associated skills (EKAS) required is given in Volume 2 - Part 2.2 EKAS. It forms an integral part of this unit.

T2.3.1 Powerline safety practices

T2.5.5 Powerline clearances and approach distances

RANGE STATEMENT

8) 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 performing EWP controlled descent escape procedures in the workplace and will include the following:

Inspection of rescue equipment to facilitate a controlled descent from a EWP.

Applying work procedures and instructions as they apply to risk control and personal safety measures.

Accessing, securing and attaching the lowering device to self in accordance with workplace procedures.

Lowering self to the ground from the raised EWP.

Participation in consultation processes, identifying hazards and implementing and monitoring

control measures at the work site.

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
- 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

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 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 – UET09”. 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:

Range of tools/equipment/materials/procedures/workplaces/other variables		
Group No	The minimum number of items on which skill is to be demonstrated	Item List
A	All, to the satisfaction of the network operator’s assessor:	Participation in consultation processes, identifying hazards and implementing and monitoring control measures at the work site
B	All, to the satisfaction of the network operator’s assessor	Applying work procedures and instructions as they apply to personal risk control and safety
C	All, to the satisfaction of the network operator’s assessor	Applying work procedures to ensure accessibility, inspection and functioning of emergency descent equipment to facilitate evacuation from a raised EWP
D	All, to the satisfaction of the network operator’s assessor	Accessing, securing and attaching emergency descent equipment to self in accordance with workplace procedures
E	All, to the satisfaction of the network operator’s assessor	Evacuating the EWP and descending to the ground in accordance with workplace procedures

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 EWP controlled descent escape procedures 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 is not recommended to be assessed concurrently with any other unit.

UETTDRRF09A Apply access procedures to work on or near electrical network infrastructure

Unit Descriptor

1)

1.1) Descriptor

This Competency Standard Unit covers the performance of the procedures to gain access for work on or near electrical network infrastructure in the context of transmission, distribution or rail work functions. It encompasses responsibilities for, safety and risk management processes at all operative levels and adherence to safety practices as part of the normal way of doing work.

1.2) License to practice

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.

Prerequisite Unit(s)

2)

2.1) Competencies

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

nil

2.2) Literacy and numeracy skills

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
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Employability Skills

3)

This unit contains employability skills.

Application of the Unit 4)

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

Competency Field 5)

Refresher Training Unit

ELEMENT

PERFORMANCE CRITERIA

6) Elements: 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.

1 Prepare to apply access authority procedures for work on or near electrical network infrastructure

1.1 Rules/Codes of Practice for work on or near electrical hazards and risk control measures for specific work areas and work activities are identified and obtained.

1.2 Procedures for access authority/work permits including roles and responsibilities are obtained, learnt, understood and tested according to established procedures.

- | | | |
|---|-----|--|
| | 1.3 | Access authority/work permit document is identified, obtained, learnt, and understood for a specific work activity according to established procedures. |
| 2 | 2.1 | Workplace procedures for confirming personal are appropriately qualified, fit for purpose and sign on to an Access Authority/Work Permit document is followed according to established procedures. |
| | 2.2 | Safe Approach Distances and Safety Measures applicable to the work activity are identified and confirmed according to established procedures |
| | 2.3 | Workplace procedures for signing on to an Access Authority/Work Permit are followed. |
| | 2.4 | Workplace procedures for individual sign on to a specific role/function identified for the work is followed according to established procedures |
| | 2.5 | Workplace procedures confirming issue and commencement of work under an Access Authority/Work Permit document are communicated according to established procedures. |
| 3 | 3.1 | Workplace procedures confirming work completion or suspension is communicated in accordance with established procedures. |
| | 3.2 | Workplace procedures to ensure all personnel signed on to an Access Authority/Work Permit document; sign off in accordance with established procedures. |
| | 3.3 | Workplace procedures to cancel or suspend an Access Authority/Work Permit document is performed in accordance with established procedures. |

REQUIRED SKILLS AND KNOWLEDGE

7) 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 applying access procedures to work on or near electrical network infrastructure

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

The extent of the essential knowledge and associated skills (EKAS) required is given in Volume 2 - Part 2.2 EKAS. It forms an integral part of this unit.

T2.5.5 Powerline clearances and approach distances

RANGE STATEMENT

8) 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 performing access authority procedures for work on or near electrical network infrastructure in the workplace and will include the following:

Identification, learning and application of Rules/Codes of Practice as they apply to Access Authority/Work Permit systems for work on or near electrical network infrastructure.

Understanding safe approach distances and safety measures applicable to work on or near electrical network infrastructure

Applying work procedures and instructions as they apply to risk control and personal safety measures.

Understanding the roles and responsibilities applicable to the operation of an Access Authority/Work Permit System for work on or near electrical network infrastructure.

Identifying and completing an Access Authority/Work Permit document for a designated role.

Understanding the processes and systems applicable to issue, suspension and cancellation of an Access Authority/Work Permit document.

Participation in consultation processes, identifying hazards and implementing and monitoring control measures at the work site.

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
- 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

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 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 – UET09”. 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:

Range of tools/equipment/materials/procedures/workplaces/other variables		
Group No	The minimum number of items on which skill is	Item List

	to be demonstrated	
A	All, to the satisfaction of the network operator's assessor:	Identify Rules/Codes of Practice for work on or near electrical hazards and risk control measures for specific work areas and work activities
B	All, to the satisfaction of the network operator's assessor	Identify roles and responsibilities for individuals relating to Access Authority/Work Permit procedures
C	All, to the satisfaction of the network operator's assessor	Identify the Access Authority/Work Permit document for a specific work activity according to established procedures
D	All, to the satisfaction of the network operator's assessor	Workplace procedures for confirming personal are appropriately qualified, fit for purpose and sign on to an Access Authority/Work Permit document
E	All, to the satisfaction of the network operator's assessor	Identify Safe Approach Distances and Safety Measures applicable to the work activity according to established procedures
F	All, to the satisfaction of the network operator's assessor	Workplace procedures for signing on to an Access Authority/Work Permit
G	All, to the satisfaction of the network operator's assessor	Workplace procedures for sign on to a specific role/function identified on an Access Authority/Work Permit
H	All, to the satisfaction of the network operator's assessor	Workplace procedures to confirm issue and commencement of work under an Access Authority/Work Permit document
I	All, to the satisfaction of the network operator's assessor	Workplace communication procedures to confirm work is completed or suspended
J	All, to the satisfaction of the network operator's	Workplace procedures to ensure all personnel signed on to an Access Authority/Work Permit document; sign off in

	assessor	accordance with established procedures
K	All, to the satisfaction of the network operator's assessor	Workplace procedures to cancel or suspend an Access Authority/Work Permit document

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 network access/work permit procedures 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 is not recommended to be assessed concurrently with any other unit.

UETTDRRF10A Provide first aid in an ESI environment

Unit Descriptor

1)

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.

1.2) License to practice

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

Prerequisite Unit(s)

2)

2.1) Competencies

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

nil

2.2) Literacy and numeracy skills

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
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Employability Skills

3)

This unit contains employability skills.

Application of the Unit 4)

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

Competency Field 5)

Refresher Training Unit

ELEMENT

PERFORMANCE CRITERIA

6) Elements: 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.

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 Minimize immediate risks to self and casualty's health and safety by controlling hazards in accordance with established procedures for occupational health and safety.

1.3 Assess the situation and decide on actions required, promptly.

		1.4	Seek assistance from others, as required and at the appropriate time.
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 physical and mental condition in accordance with enterprise policy on provision of first aid and recognised first aid procedures.
		2.3	Use available first aid equipment as appropriate.
		2.4	Identify and notify back-up services appropriate to the situation in accordance with established procedures.
		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

7) 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.

The extent of the essential knowledge and associated skills (EKAS) required is given in Volume 2 - Part 2.2 EKAS. It forms an integral part of this unit.

T2.8.2 Enterprises specific — OHS instructions

RANGE STATEMENT

8) 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 including; checking and maintaining the casualty's airway, breathing and circulation, and checking the site for danger to self, casualty and others and minimising the danger.

Physical and personal hazards may include; workplace hazards such as fire, floods, violent persons, and environmental hazards such as electrical faults, chemical spills, fires, slippery

surfaces, floods, wild animals, fumes, and proximity of other people, and hazards associated with the casualty management processes.

Risks may include; worksite equipment, machinery and substances, and bodily fluids, and risk of further injury to the casualty, and risks associated with the proximity of other workers and bystanders, and road traffic.

First aid management will need to account for; Location and nature of the work environment, and Electrical hazards, and Environmental conditions and situations, such as, biological risks, weather and terrain, motor vehicle accidents, and Level of knowledge, skills, training and experience of the person administering first aid and Familiarity with particular injuries, and Legal issues that affect the provision of first aid in different industry sectors, and Characteristics of the site where the injury occurs, and Nature of the injury and its cause, and Infection control procedures, and Availability of first aid equipment, medications and kits or other suitable alternative aids, and Proximity and availability of trained paramedical and medical/health professional assistance, and Victim's cardio-vascular condition as indicated by vitals signs such as body temperature, pulse rate and breathing rates, and Unresolved dangers such as fire, chemical contamination or fume toxicity of the area where the injury occurs.

Vital signs include; breathing, circulation and consciousness

Injuries may include; Abdominal trauma, Allergic reactions, Bleeding, Chemical contamination, Choking, Cold injuries, Cardio-vascular failure, Dislocations and fractures, Drowning, Poisoning and toxic substances, Medical conditions including epilepsy, diabetes, asthma, Eye injuries, Head injuries, Minor skin injuries, Neck and spinal injuries, Needle stick injuries, Puncture wounds and cuts, Crush injuries, Shock, Smoke inhalation, Sprains and strains, Substance abuse, Unconsciousness, Infections, Bone and joint injuries, Electrical burns, Eye injuries, Burns and scalds, thermal, chemical and friction, Bites or stings, Inhalation of toxic fumes and airborne dusts.

Injuries may involve; Unconsciousness, Confusion, Tremors, Rigidity, Numbness, Inability to move body parts, Pain, Delirium, External bleeding, Internal bleeding, Heat exhaustion, Hypothermia and Pre-existing illness.

Appropriate others from whom assistance may be sought may include; emergency services personnel, health professionals, colleagues, customers, passers by

Assistance may include, as appropriate to emergency situations; Maintain site safety, and Minimise risk of further injury or injury to others, Making the casualty comfortable, Assessment of injury situations, Manage bleeding through the application of tourniquets, pressure and dressings, Giving reassurance and comfort, Raising alarm with emergency services or health professionals, and Removing debris.

First aid and emergency equipment may include; first aid kit, pressure and other bandages, thermometers, eyewash, thermal blankets, pocket face masks, rubber gloves, dressings, flags and flares, fire extinguishers, communication equipment such as mobile phones, satellite phone, radio.

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

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 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 – UET09”. 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:

Range of tools/equipment/materials/procedures/workplaces/other variables		
Group No	The minimum number of items on which skill is to be demonstrated	Item List
A	All, to the satisfaction of the network operator's assessor	Check site for danger to self, casualty and others minimising the danger Check and maintain casualty's airway, breathing and circulation Monitor Consciousness
B	All, to the satisfaction of the network operator's assessor	Identification of immediate hazards – such as but not limited to: Electrical wires/cables Environmental hazards such as <ul style="list-style-type: none"> • chemical spills • fires • slippery surfaces • floods • wild animals • fumes, • violent persons • equipment, machinery and substances • bodily fluids • risk of further injury to the casualty • risks associated with the proximity of other workers and bystanders • road traffic
C	All, to the satisfaction of the network operator's assessor	Cardio-vascular failure Shock Unconsciousness Electrical burns Bites or stings Response to Bleeding
D	All, to the satisfaction of the network operator's assessor	Maintain site safety Minimise risk of further injury or injury to others Making the casualty comfortable Assessment of injury situations

		Manage bleeding Raising alarm with emergency services or health professionals
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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 is not recommended to be assessed concurrently with any other unit.