



Australian Government

Department of Education, Employment and Workplace Relations

RIISAM214A Provide support to electrical tradesperson

Release: 1

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Modification History

Not applicable.

Unit Descriptor

This unit covers providing support to electrical tradesperson in the coal mining industry. It includes: planning and preparing for support; supporting the tradesperson; and applying emergency procedures

Application of the Unit

This unit is appropriate for those working in operational or maintenance roles, at worksites within:

- Coal mining

Licensing/Regulatory Information

Refer to Unit Descriptor.

Pre-Requisites

Not applicable.

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Plan and prepare for support	1.1. Access, interpret and apply compliance documentation relevant to the providing of support to electrical tradespersons 1.2. Receive and clarify details of support required from tradesperson 1.3. Access and apply safety information and procedures throughout the work 1.4. Analyse work requirement and complete immediate planning / organising 1.5. Identify and select commonly used parts / stores according to work requirements 1.6. Pack, load and transport parts/stores and equipment to worksite in accordance with work plan
2. Support tradesperson	2.1. Resolve coordination activities with others at the site prior to commencement of, and during, the work activity 2.2. Carry out support tasks in accordance with the tradesperson's directions
3. Apply emergency procedures	3.1. Apply emergency isolation and shut-down procedures in accordance with site procedures 3.2. Notify emergency in accordance with site procedures 3.3. Apply emergency first-aid appropriate to the situation in accordance with site procedures 3.4. Provide information/reports required by site emergency procedures to appropriate authorities

Required Skills and Knowledge

This section describes the skills and knowledge required for this unit.

Required skills

Specific skills are required to achieve the performance criteria in this unit, particularly for the application in the various circumstances in which this unit may be applied. This includes the ability to carry out the following as required to provide support to electrical tradesperson:

- apply legislative, organisation and site requirements and procedures
- apply operational safety requirements
- access, interpret and apply technical information
- apply procedures for work at heights
- identify electrical system components
- identify electrical spares
- apply operational maintenance diagnostic techniques
- use relevant hand tools
- apply equipment records maintenance requirements

Required knowledge

Specific knowledge is required to achieve the Performance Criteria of this unit, particularly its application in a variety of circumstances in which the unit may be used. This includes knowledge of the following, as required to provide support to electrical tradesperson:

- site and equipment safety procedures
- site operational and maintenance procedures
- basic electrical componentry
- switching (for emergency purposes)
- earthing
- hazard identification and response procedures

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

Critical aspects for assessment and evidence required to demonstrate competency in this unit

The evidence required to demonstrate competency in this unit must be relevant to worksite operations and satisfy all of the requirements of the performance criteria, required skills and knowledge and the range statement of this unit and include evidence of the following:

- knowledge of the requirements, procedures and instructions for providing support to electrical tradespersons
- implementation of requirements, procedures and techniques for the safe, effective and efficient provision of support to electrical tradespersons
- working with others to provide support to electrical tradespersons that meets all of the required outcomes
- consistent timely provision of support to electrical tradespersons that safely, effectively and efficiently meets the required outcomes

Context of and specific resources for assessment

- This unit must be assessed in the context of the work environment. Where personal safety or environmental damage are limiting factors, assessment may occur in a simulated environment provided it is realistic and sufficiently rigorous to cover all aspects of workplace performance, including task skills, task management skills, contingency management skills and job role environment skills.
- The assessment environment should not disadvantage the participant. For example, language, literacy and numeracy demands of assessment should not be greater than those required on the job.
- Customisation of assessment and delivery environment to sensitively accommodate cultural diversity.
- Aboriginal people and other people from a non English speaking background may have second

	language issues. • Assessment of this competency requires typical resources normally used in the work environment. Selection and use of resources for particular worksites may differ due to site circumstances. • Where applicable, physical resources should include equipment modified for people with disabilities. • Access must be provided to appropriate learning and/or assessment support when required.
Method of assessment	This unit may be assessed in a holistic way with other units of competency. The assessment strategy for this unit must verify required knowledge and skill and practical application using more than one of the following assessment methods: • written and/or oral assessment of the candidate's required knowledge • observed, documented and/or first hand testimonial evidence of the candidate's: • implementation of appropriate requirement, procedures and techniques for the safe, effective and efficient achievement of required outcomes • consistently achieving the required outcomes • first hand testimonial evidence of the candidate's: • working with others to provide support to electrical tradespersons
Guidance information for assessment	Consult the SkillsDMC User Guide for further information on assessment including access and equity issues.

Range Statement

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Relevant compliance documentation may include:	• legislative, organisation and site requirements and procedures • manufacturer's guidelines and specifications • Australian standards • code of practice • Employment and workplace relations legislation • Equal Employment Opportunity and Disability Discrimination legislation
Details of support required may include:	• nature and scope of work • locations, timings • equipment/plant to be used (including any defects) • system being worked on • specific safety requirements • hazards and potential hazards • coordination requirements/issues
Work requirements may be in the form of:	• shift briefings • handover details, and/or • work orders • safe working procedures (or equivalent)
Equipment may include:	• ladders • safety equipment • hazardous chemicals • oxyacetylene • air compressors • others as designated at sites
Support tasks may include:	• tagging emergency HV switching • operation/re-setting circuit-breakers • greasing motors and jointing cables

Unit Sector(s)

Service and Maintenance

Competency field

Refer to Unit Sector(s).

Co-requisite units

Not applicable.