



Australian Government

Department of Education, Employment and Workplace Relations

RIIMCU216A Maintain lamp cabin operations

Release: 1

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Modification History

Not applicable.

Unit Descriptor

This unit covers the maintenance of lamp cabin operations in the coal industry. It includes: planning and preparing for operations, and operating and maintaining the lamp cabin. Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between States, Territories, and industry sectors. Relevant information must be sourced prior to application of the unit.

Application of the Unit

This unit is appropriate for those working in an assistant role 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 operations	1.1. Access, interpret and apply compliance documentation relevant to the work activity 1.2. Resolve coordination activities with others at the site prior to commencement of, and during, the work activity 1.3. Obtain and prepare materials and resources required for work in accordance with the work requirements and relevant manufacturer and/or site requirements
2. Operate and maintain lamp cabin	2.1. Maintain safety and personal equipment in accordance with site requirements and safe working practices 2.2. Maintain records/list /logs in accordance with site requirements 2.3. Lamp cabin equipment is monitored and faults are identified and responded to in accordance with site requirements 2.4. Perform work according to target outcomes 2.5. Dispose of hazardous and environmentally sensitive waste products in accordance with site procedures. 2.6. Complete general maintenance and housekeeping to maintain the lamp cabin in an operational condition

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 of this unit, particularly for its application in the various circumstances in which this unit may be used. This includes the ability to carry out the following, as required to maintain lamp cabin operations:

- apply legislative, organisation and site requirements and procedures for maintaining lamp cabin operations
- apply operational safety requirements
- access, interpret, apply and communicate technical information
- plan maintenance and servicing schedules
- dispose of environmentally sensitive materials
- communicate and negotiate with contractors / suppliers and mine employees
- maintain records
- maintain and perform repairs on equipment
- use relevant hand tools

Required knowledge

Specific knowledge is required to achieve the Performance Criteria of this unit, particularly for its application in the various circumstances in which this unit may be used. This includes knowledge of the following, as required to maintain lamp cabin operations:

- site personal and operational safety procedures
- mine operating procedures
- lamp cabin equipment characteristics, uses and limitations
- manufacturer and site equipment maintenance systems
- site chemical substances information system
- stock control procedures related to the lamp cabin operations
- relevant legislative and enterprise records systems
- site environmental requirements and constraints related to the lamp cabin

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 maintaining lamp cabin operations • implementation of requirements, procedures and techniques for the safe, effective and efficient completion of lamp cabin operations maintenance • working with others to undertake and complete the lamp cabins operations maintenance in a way that meets all of the required outcomes • consistent timely completion of lamp cabin operations maintenance 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. • Assessment of this competency requires typical resources normally used in a resources and infrastructure sector environment. Selection and use of resources for particular worksites may differ due to the site circumstances. • 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, • 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 • consistent achievement of required outcomes • first hand testimonial evidence of the candidate's: • working with others to undertake and complete the lamp cabin operations maintenance
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, organisational and site requirements and procedures • manufacturer's guidelines and specifications • management plans • OHS policy • Australian standards • Employment and workplace relations legislation • Equal Employment Opportunity and Disability Discrimination legislation
Work requirements may be in the form of:	• shift briefings • handover details, and/or • work orders
Work requirement details may include:	• servicing and maintenance schedules • notices of changes to shift personnel requirements • notice of visitors requiring equipment • defect reports on equipment and coordination
Materials and resources may include:	• cap lamp spares • personal safety equipment • locked oil flame safety lamp • shotfiring apparatus
Records/lists/logs are those prescribed under the relevant legislation and site procedures.	
Hazardous and environmentally sensitive waste products may include:	• test gases • shellite • battery acid • chemical solvents
Housekeeping may include:	• area clean-up • clearing of walkways • hosing down • securing of equipment and materials • disposing of waste products

Scheduled servicing and maintenance requirements are those contained in site procedures or similar authorisations.	
Personal equipment may include:	• cap lamps • self rescuers • hand held instruments
Maintenance procedures are those established and authorised for the site.	

Unit Sector(s)

Coal Mining (Underground)

Competency field

Refer to Unit Sector(s).

Co-requisite units

Not applicable.