



Australian Government

Department of Education, Employment and Workplace Relations

RIIMPO501A Implement, monitor, rectify and report on mobile plant and equipment systems

Release: 1

RIIMPO501A Implement, monitor, rectify and report on mobile plant and equipment systems

Modification History

Not applicable.

Unit Descriptor

This unit covers the implementing, monitoring, rectifying and reporting on mobile plant and equipment systems in resources and infrastructure industries.

Application of the Unit

This unit is appropriate for those working in a management or technical specialist role, within:

- Civil construction
- Coal mining
- Extractive industries
- Metalliferous 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.
---	--

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Implement systems	1.1. Access, interpret and apply compliance documentation relevant to mobile plant and equipment systems 1.2. Document responsibilities of personnel 1.3. Document reporting structures 1.4. Document regulations and site requirements that impact upon work operations 1.5. Document operational and emergency procedures 1.6. Identify and contact stakeholders 1.7. Implement mobile plant and equipment systems
2. Monitor systems	2.1. Monitor effectiveness of policies, plans, procedures and workplace practices against objectives, timelines, key performance indicators and regulations 2.2. Validate and record use of mobile plant and equipment systems in accordance with the project specifications 2.3. Assess operating constraints 2.4. Monitor the impact of contingencies 2.5. Monitor effective use of resources
3. Rectify systems	3.1. Use available information from monitoring processes to ensure accurate problem identification 3.2. Obtain specialist advice/assistance where required 3.3. Manage the impact of contingencies 3.4. Implement rectification requirements
4. Report on systems	4.1. Document results in accordance with project specifications 4.2. Inform relevant parties of the results

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 implement, monitor, rectify and report on mobile plant and equipment systems:

- apply legislative, organisation and site requirements and procedures
- apply techniques to develop responsibility / motivation
- apply policy management skills
- demonstrate interpersonal skills
- liaise with other parties
- coordinate others
- apply information management systems
- apply problem solving techniques
- apply analysis techniques
- use measuring equipment
- apply clear report writing techniques
- facilitate meetings

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 implement, monitor, rectify and report on mobile plant and equipment systems:

- accuracy and precision requirements
- limitations of mobile plant and equipment systems
- project reporting guidelines
- risk management principles
- company organisation
- work role definitions
- reporting methods and alternatives
- relevant regulations, licenses and permits
- emergency procedures and obligations
- community expectations
- consultative strategies
- alternative documentation systems for 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 the implementing, monitoring, rectifying and reporting on mobile plant and equipment systems • implementation of procedures and techniques for the safe, effective and efficient implementing, monitoring, rectifying and reporting on mobile plant and equipment systems • the identification of the relevant information and scope of the work required to meet the required outcomes • the identification of viable options and the selection of options that best meet the required outcomes • working with others to undertake and complete mobile plant and equipment systems • consistent successful implementing, monitoring, rectifying and reporting on mobile plant and equipment systems
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 to apply in undertaking of the implementing, monitoring, rectifying and reporting on mobile plant and equipment systems • observed, documented and/or first hand testimonial evidence of the candidate's: • implementation of appropriate procedures and techniques for the safe, effective and efficient achievement of the required outcomes • identification of the relevant information and scope of the work required to meet the required outcomes • identification of viable options and the selection of options that best meet the required outcomes • consistently achieving the required outcomes • first hand testimonial and documentary evidence of the candidate's: • working with others to undertake and complete the implementing, monitoring, rectifying and reporting on mobile plant and equipment systems • provision of clear and timely required support and advice on the implementation of mobile plant and equipment systems
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 • codes of practice • Employment and workplace relations legislation • Equal Employment Opportunity and Disability Discrimination legislation
Mobile plant and equipment systems may include:	• crushing and screening plants • gyratory / jaw crushers • cone crushers • double roll crushers • hammermills • double roll sledging crushers • tube feeders • slot feeders • apron feeders • roller and rotary feeders • vibratory feeders • reciprocating-plate feeders • screw feeders • conveyor belts • drive arrangements
Stakeholders may include:	• client • client representatives • government authorities • community groups • engineers • architects • contractors
Policies, plans and procedures may include:	• organisational commitment • corporate and environment policy • environmental impact assessment

	• community consultation and involvement • objectives and targets • surveying program • documentation and records • operational and emergency procedures • responsibility and reporting structure • environmental impact, regulatory and legal compliance • survey review audits • emission and performance monitoring and measurement • land reclamation practices
Constraints may be related to:	• roadway size • pillar sizes • depth of cover and underlying / overlying strata • stress regimes • underground opening characteristics • water ingress • systems of mining • breaker liner supports • direction of mining
Contingencies may include:	• equipment failure • observation errors • movement • weather • injury • obstructions

Unit Sector(s)

Mobile Plant Operations

Competency field

Refer to Unit Sector(s).

Co-requisite units

Not applicable.