



Australian Government

RIISAM601D Establish and maintain plant, equipment and infrastructure maintenance system

Release: 2

RIISAM601D Establish and maintain plant, equipment and infrastructure maintenance system

Modification History

Release	Comment
1	This unit replaces RIISAM601A Establish and maintain plant, equipment and infrastructure maintenance system
2	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Application

This unit describes a participant's skills and knowledge required to establish and maintain plant, equipment and infrastructure maintenance systems in the Resources and Infrastructure Industries.

This unit is appropriate for those working in management roles.

No licensing, legislation or certification requirements apply to this unit at the time of publication.

Elements and Performance Criteria

1. Plan and prepare to establish and maintain installation and commissioning procedures	1.1 Access, interpret and apply service and maintenance documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify, address and establish procedures to manage potential risks, hazards and environmental issues, determine acceptable levels of risk and implement control measures 1.4 Ensure the integration of new and existing tools, plant, equipment and processes is planned to minimise downtime 1.5 Design and implement safe operating procedures and systems 1.6 Design and implement plant and equipment installation and commissioning/re-commissioning procedures 1.7 Design and implement infrastructure construction/fabrication and commissioning/re-commissioning procedures
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	1.8 Identify training needs of individuals and work groups, develop and implement training plans Develop, implement and maintain emergency response and evacuation plans and
2. Develop systems for the maintenance of plant and equipment	2.1 Develop, review and gain approval for the implementation of plant and equipment maintenance procedures and systems 2.2 Develop and implement operational procedures for plant and equipment usage 2.3 Develop and implement plant and equipment maintenance systems documentation 2.4 Design and implement procedures for reviewing and modifying maintenance work processes 2.5 Process written records and reports
3. Establish and maintain systems for the maintenance of worksite infrastructure	3.1 Develop, review and gain approval for the implementation of infrastructure maintenance procedures and systems Develop and maintain operational procedures for worksite infrastructure usage 3.2 Develop and implement infrastructure maintenance systems documentation 3.3 Design and implement procedures for reviewing and modifying work processes 3.4 Process written records and reports
4. Establish and maintain systems for audit and review of maintenance system	4.1 Develop, implement and maintain procedures to evaluate and confirm plant, equipment and infrastructure maintenance compliance are developed and implemented 4.2 Ensure future plant, equipment and infrastructure systems and equipment requirements are identified, assessed and incorporated into planning processes 4.3 Develop and implement procedures to confirm the currency and compliance of plant, equipment and infrastructure maintenance and safety standards 4.4 Develop and implement systems for recording and reporting plant, equipment and infrastructure information 4.5 Design and implement procedures for incorporating feedback into the audit/review system 4.6 Design and implement procedures to confirm the currency, relevance and compliance of the training program 4.7 Ensure procedures for response to instances of non-compliance or other discrepancies or deficiencies are developed and implemented

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

RIISAM601B Establish and maintain plant, equipment and infrastructure maintenance system

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>