



Australian Government

RIISAM601E Establish and maintain plant, equipment and infrastructure maintenance systems

Release: 1

RIISAM601E Establish and maintain plant, equipment and infrastructure maintenance systems

Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to establish and maintain plant, equipment and infrastructure maintenance system in the resources and infrastructure industries.

It applies to those who work in management roles. They are generally responsible for the outcomes of others and contribute to the development of solutions to non-routine problems.

Licensing, legislative and certification requirements may apply to this unit and can vary between states, territories and industry sectors. Users must check requirements with relevant body before applying the unit.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare to establish and maintain installation and commissioning procedures	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation required to establish and maintain plant, equipment and infrastructure maintenance systems 1.3 Identify, address and establish procedures to manage potential risks, hazards and environmental issues, determine acceptable levels of risk and implement control measures according to workplace procedures 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 according to workplace procedures

ELEMENT	PERFORMANCE CRITERIA
	1.7 Design and implement infrastructure construction/fabrication according to workplace procedures 1.8 Identify training needs of individuals and work groups, develop and implement training plans 1.9 Obtain and interpret emergency procedures, and be prepared for emergency situations
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 according to workplace procedures 2.4 Design and implement procedures for reviewing and modifying maintenance work processes 2.5 Process written reporting requirements according to workplace procedures
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 3.2 Develop and maintain operational procedures for worksite infrastructure usage according to workplace procedures 3.3 Develop and implement infrastructure maintenance systems documentation according to workplace procedures 3.4 Design and implement procedures for reviewing and modifying work processes 3.5 Process written reporting requirements according to workplace procedures
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

ELEMENT	PERFORMANCE CRITERIA
	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

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Oral communication	Conveys information and requirements clearly, and listens carefully
Reading	Identifies and interprets relevant information from workplace procedures, documentation and regulations
Problem solving	Identifies a range of factors that impact on a decision, including own values and principles, the needs, power, values, beliefs and assumptions of stakeholders

Unit Mapping Information

Supersedes and is equivalent to RIISAM601D Establish and maintain plant, equipment and infrastructure maintenance system.

Links

Companion Volume implementation guides is found on VETNet -

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