



Australian Government

**RIISAM501E Implement and maintain the
site plant, equipment and infrastructure
maintenance plans**

Release: 1

RIISAM501E Implement and maintain the site plant, equipment and infrastructure maintenance plans

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 implement and maintain the site plant, equipment and infrastructure maintenance plans in the resources and infrastructure industries.

It applies to those working in management roles. They generally work in teams and have some responsibility for the outcomes of others.

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 a maintenance program	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation required to implement and maintain the site plant, equipment and infrastructure maintenance plans 1.3 Identify, address and report potential risks, hazards and environmental issues and implement control measures according to workplace procedures 1.4 Select and wear personal protective equipment appropriate for the work activity 1.5 Identify, interpret and confirm maintenance needs of plant, equipment and infrastructure 1.6 Prepare a maintenance program, in consultation with other stakeholders 1.7 Identify and confirm availability of required resources for the work

ELEMENT	PERFORMANCE CRITERIA
	activities 1.8 Identify and obtain approvals for implementation of maintenance plan 1.9 Identify training needs of individuals and work groups, and prepare training plans 1.10 Communicate and coordinate activities with others prior to, during and on completion of the work activity
2. Implement maintenance program	2.1 Communicate the maintenance plan to supervisors and managers, explain and clarify objectives and seek input for it's the implementation 2.2 Ensure maintenance instructions are in place for the work activity and obtain permits for isolation before commencement 2.3 Ensure return to service commissioning and hand over system is in place 2.4 Arrange on-line maintenance and outage schedules to minimise impact on operations according to workplace procedures
3. Monitor, adjust and report on program	3.1 Monitor plant performance and use information to predict failure events and need for maintenance 3.2 Ensure procedures are in place to review plant or component failures to assess if redesign of components is required 3.3 Ensure records of maintenance, monitoring, breakdown, major plant modifications, programmed activities and costs are maintained 3.4 Monitor and report on any environmental, safety or other event outside acceptable standards 3.5 Analyse maintenance program performance and identify recommendations for improvement 3.6 Implement approved improvements to program 3.7 Complete and submit written reports on plant, equipment and infrastructure maintenance according to workplace procedures

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
Reading	<ul style="list-style-type: none"> Identifies and interprets information from workplace procedures, documentation and regulations
Problem solving	<ul style="list-style-type: none"> Identifies a range of factors that impact on a decision, including own values and principles, the needs, power, values, beliefs and

SKILL	DESCRIPTION
	assumptions of stakeholders

Unit Mapping Information

Supersedes and is equivalent to RIISAM501D Implement and maintain the site plant, equipment and infrastructure maintenance plan.

Links

Companion Volume implementation guides is found on VETNet -

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