



Australian Government

**RIISAM501D Implement and maintain the
site plant, equipment and infrastructure
maintenance plan**

Release: 2

RIISAM501D Implement and maintain the site plant, equipment and infrastructure maintenance plan

Modification History

Release	Comment
1	This unit replaces RIISAM501A Implement and maintain the site plant, equipment and infrastructure maintenance plan
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 implement and maintain the site plant, equipment and infrastructure maintenance plan 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 a maintenance program	<p>1.1 Access, interpret and apply service and maintenance documentation and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3 Identify, address and report potential risks, hazards and environmental issues and implement control measures</p> <p>1.4 Select and wear personal protective equipment appropriate for the work activity</p> <p>1.5 Identify, interpret and confirm maintenance needs of plant, equipment and infrastructure</p> <p>1.6 Prepare a maintenance program, in consultation with other stakeholders</p> <p>1.7 Identify and confirm availability of required resources</p> <p>1.8 Identify and obtain approvals for implementation of</p>
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	<p>maintenance plan</p> <p>1.9 Identify training needs of individuals and work groups, and prepare training plans</p> <p>1.10 Communicate and coordinate activities with others prior to, during and on completion of the work activity</p>
2. Implement maintenance program	<p>2.1 Communicate the maintenance plan to supervisors and managers, explain and clarify objectives and seek input for it's the implementation</p> <p>2.2 Ensure maintenance instructions are in place for the work activity and obtain permits for isolation before commencement</p> <p>2.3 Ensure return to service commissioning and hand over system is in place</p> <p>2.4 Arrange on-line maintenance and outage schedules to minimise impact on operations</p>
3. Monitor, adjust and report on program	<p>3.1 Monitor plant performance and use information to predict failure events and need for maintenance</p> <p>3.2 Ensure procedures are in place to review plant or component failures to assess if redesign of components is required</p> <p>3.3 Ensure records of maintenance, monitoring, breakdown, major plant modifications, programmed activities and costs are maintained</p> <p>3.4 Monitor and report on any environmental, safety or other event outside acceptable standards</p> <p>3.5 Analyse maintenance program performance and identify recommendations for improvement</p> <p>3.6 Implement approved improvements to program</p> <p>3.7 Complete and submit written reports on plant, equipment and infrastructure maintenance</p>

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

RIISAM501B Implement and maintain the site plant, equipment and infrastructure maintenance plan

Links

Companion Volume implementation guides are found in VETNet -

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