



Australian Government

# **RIISAM602D Establish and maintain maintenance management system for mechanical plant and equipment**

Release: 2

## RIISAM602D Establish and maintain maintenance management system for mechanical plant and equipment

### Modification History

| Release | Comment                                                                                                                                                                                                                                                                                                                                                         |
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| 1       | RIISAM602B Establish and maintain maintenance management system for mechanical plant and equipment                                                                                                                                                                                                                                                              |
| 2       | Editorial corrections in Knowledge Evidence.<br>Required frequency and volume of evidence amended in Performance evidence.<br>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 a maintenance management system for mechanical plant and equipment in the Coal and Metalliferous mining.

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.

### Unit Sector

Coal mining

Metalliferous mining

### Elements and Performance Criteria

|                                                                  |                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Plan and prepare to develop the maintenance management system | 1.1 Access, interpret and apply service and maintenance documentation and ensure the work activity is compliant<br>1.2 Obtain, read, interpret, clarify and confirm work<br>1.3 Identify, address and establish procedures to manage potential risks, hazards and environmental issues, determine acceptable levels of risk and implement control measures |
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|                                                                  | <p>1.4 Liaise with relevant stakeholders and gain support for maintenance management system</p> <p>1.5 Develop and implement maintenance strategies and systems for plant and equipment</p> <p>1.6 Identify and confirm availability of required resources</p> <p>1.7 Communicate and coordinate activities with others prior to, during and on completion of the work activity</p> <p>1.8 Identify training needs of individuals and work groups, develop and implement training plans</p>                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 2. Implement and monitor the maintenance management system       | <p>2.1 Develop and implement procedures for inspection and maintenance schedules</p> <p>2.2 Communicate, clarify and confirm procedures and processes to relevant stakeholders</p> <p>2.3 Design and implement maintenance management schedules</p> <p>2.4 Maintain maintenance written records and reports</p> <p>2.5 Monitor effectiveness of the maintenance management system and workplace practices against objectives, timelines and key performance indicators</p> <p>2.6 Monitor compliance with the schedules, report and rectify variances and implement corrective actions</p> <p>2.7 Analyse, interpret, clarify and confirm maintenance reports and system output information</p> <p>2.8 Identify defective components, sub-assemblies and design faults, coordinate repair or replacement</p> <p>2.9 Monitor effective use of resources, recommend and implement control measures for improvement</p> |
| 3. Audit, review and report on the maintenance management system | <p>3.1 Audit the maintenance management plan, process written reports and records and identify control measures for improvement</p> <p>3.2 Implement, communicate and monitor improvement modifications</p> <p>3.3 Process documentation and written reports on system modifications</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

RIISAM602B Establish and maintain maintenance management system for mechanical plant and equipment

## Links

Companion Volume implementation guides are found in VETNet -

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