



Australian Government

RIISAM208D Perform plant operational maintenance

Release: 3

RIISAM208D Perform plant operational maintenance

Modification History

Release	Comment
1	This unit replaces RIISAM208A Perform plant operational maintenance.
2	Amended Performance Criteria numbering and Knowledge Evidence content.
3	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 develops a participant's skills and knowledge required to perform plant operational maintenance in Coal mining.

This unit is appropriate for those working in operational roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Relevant information must be sourced prior to application of the unit.

Unit Sector

Coal mining

Elements and Performance Criteria

1. Plan and prepare for plant operational maintenance	1.1 Access, interpret and apply service perform plant operational maintenance documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Select and prepare appropriate tools, equipment and materials for use and transport to the worksite
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	1.6 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Conduct planned routine maintenance	2.1 Obtain and interpret maintenance schedule and coordinate resources 2.2 Complete planned routine maintenance 2.3 Record any follow-up action required
3. Conduct breakdown maintenance	3.1 Evaluate the extent of work required to fix the breakdown and put in place site procedures to minimise downtime/loss of production 3.2 Complete breakdown maintenance 3.3 Record details of maintenance action completed and/or required
4. Conduct temporary repairs	4.1 Identify the location of the problem and prioritise the requirement to minimise downtime/loss of production 4.2 Assess the requirement for temporary repairs and identify and acquire resources 4.3 Complete the repair 4.4 Record details of temporary repairs
5. Finalise the maintenance activity	5.1 Clear work area and dispose of or recycle materials 5.2 Clean and maintain condition of equipment, ensure suitability for use, and address/report issues 5.3 Process records

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

RIISAM208A Perform plant operational maintenance

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for RIISAM208D Perform plant operational maintenance

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Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies relevant documentation, policies and procedures
- works effectively with others to undertake and complete the performing plant operational maintenance that meets all of the required outcomes, including:
 - complying with written and verbal reporting requirements and procedures
 - communicating clearly and concisely with others to receive and clarify work instructions
 - communicating clearly and concisely with others to resolve coordination requirements prior to commencing and during work activities
- demonstrates completion of performing plant operational maintenance that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - interpreting maintenance schedule and coordinating resources
 - completing planned routine maintenance
 - recording any follow-up action required
 - evaluating the extent of work required to fix the breakdown
 - putting in place site procedures to minimise downtime/loss of production
 - completing breakdown maintenance
 - completing temporary repairs
 - recording details of maintenance action completed and/or required

- completing housekeeping

Knowledge Evidence

The candidate must demonstrate knowledge performing plant operational maintenance through:

- site and equipment safety requirements
- equipment and plant characteristics, technical capabilities and limitations
- equipment and plant operational procedures
- site equipment and plant maintenance procedures
- site environmental requirements and constraints related to operational maintenance activities

Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit must be assessed in the context of this sector's work environment; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,
- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,
- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	AQF** Level	Required assessor or Industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years

Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this Unit is being assessed outside of the Resources and Infrastructure Sectors assessor and/or Industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation.	

*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for external assessors this can be demonstrated through exposure to Industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

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