



Australian Government

RIIWMG402D Monitor and coordinate waste and process water treatment

Release: 3

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Modification History

Release	Comment
1	The unit replaces RIIWMG402A Monitor and coordinate waste and process water treatment
2	Editorial corrections.
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 describes a participant's skills and knowledge required to monitor and coordinate waste and process water treatment in Metalliferous mining.

This unit is appropriate for those working in supervisory or technical specialist roles.

No licensing, legislation or certification requirements apply to this unit at the time of publication.

Unit Sector

Metalliferous mining

Elements and Performance Criteria

1. Plan and prepare for waste and process water treatment	1.1 Access, read, interpret and apply waste and process water treatment documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Select and wear personal protective equipment appropriate for work activities 1.4 Identify and address potential risks, hazards and environmental issues, and implement control measures 1.5 Carry out routine plant inspections 1.6 Collect samples and conduct and analyse process tests to
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	determine performance against plant operational requirements 1.7 Collect, interpret, record and report process data 1.8 Conduct calculations to determine process performance
2. Control chemical use	2.1 Use, handle and store chemicals 2.2 Determine, prepare and conduct chemical dosing 2.3 Maintain information and records for chemical supply and usage
3. Monitor and control processes	3.1 Monitor processes to maintain parameters of operation 3.2 Identify, assess and report process faults and operational condition of plant 3.3 Adjust integrated processes and optimise system performance
4. Compile process records	4.1 Compile records and reports from plant and system data 4.2 Ensure records are processed

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

RIIWMG402A Monitor and coordinate waste and process water treatment

Links

Companion Volume implementation guides are found in VETNet -

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