



Australian Government

RIWVG302D Reclaim and treat water

Release: 3

RIIWMG302D Reclaim and treat water

Modification History

Release	Comment
1	The unit replaces RIIWMG302A Reclaim and treat water
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 develops a participant's skills and knowledge required to reclaim and treat water in Metalliferous mining.

This unit is appropriate for those working in operational 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 to reclaim and treat water	1.1 Access, interpret and apply water reclaiming and treating documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Use appropriate communication methods 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Select appropriate reagents 1.6 Carry out equipment pre-start checks 1.7 Identify and address potential risks, hazards and environmental issues, and implement control measures
--	--

	1.8 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Treat water	2.1 Dose reagents at approved levels 2.2 Take sample and test 2.3 Monitor water storage levels and reject and/or permeate flows
3. Extract water	3.1 Pump water to storage
4. Operate and monitor equipment	4.1 Read and interpret data from equipment indicators and maintain flow rates 4.2 Continuously inspect plant and identify defects and potential problems 4.3 Adjust equipment to approved operating parameters and optimise performance, maintain efficient water treatment systems and meet water quality targets 4.4 Control feed to equipment
5. Clean up	5.1 Clean plant and equipment 5.2 Clean and store auxiliary equipment 5.3 Complete documentation clearly, concisely and on time 5.4 Complete end of shift reports and 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

RIIWMG302A Reclaim and treat water

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>