



Australian Government

RIIWBP201E Treat and dispose of rejects and tailings

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0.

Application

This unit describes the skills and knowledge required to treat and dispose of rejects and tailings in coal mining, metalliferous mining and extractive industries. It involves monitoring and adjusting water levels, additives and clarity agents.

It applies to those working in operational roles. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures and take some responsibility for the quality of work outcomes.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories and industry sectors. Users must check requirements with relevant body before applying the unit.

Unit Sector

Coal mining

Extractive

Metalliferous mining

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare to treat and dispose of rejects and tailings	1.1 Obtain, interpret, clarify and confirm work instructions 1.2 Access, interpret and apply documentation required to treat and dispose of rejects and tailings 1.3 Access, interpret and clarify mineralogical data according to job requirements 1.4 Select and wear personal protective equipment according to site requirements

ELEMENT	PERFORMANCE CRITERIA
	1.5 Identify and obtain required materials, equipment and personnel according to job requirements 1.6 Identify potential risks, hazards and environmental issues, implement control measures within scope of own role, and escalate where required 1.7 Obtain and interpret emergency procedures and identify steps required to respond to emergencies 1.8 Inspect and prepare work area in coordination with others
2. Carry out treatment and disposal of rejects and tailings	2.1 Communicate and coordinate work activities with others according to job requirements 2.2 Carry out pre-start and start-up procedures according to work instructions, manufacturer specifications and site requirements 2.3 Monitor and adjust water displacement or addition and confirm specified disposal of rejects according to job instructions and site requirements 2.4 Monitor and adjust additive displacement or addition and confirm specified treatment and disposal of tailings according to job requirements and site requirements 2.5 Monitor and adjust addition of settling and clarity agents, and confirm specified density according to job instructions and site requirements 2.6 Dispose of rejects and tailings according to legislative and site requirements 2.7 Act and report on monitoring systems and alarms according to site requirements 2.8 Monitor hazards and confirm safety of self, other personnel, plant and equipment according to job requirements and site requirements
3. Carry out post-operational procedures for treating and disposing of rejects and tailings	3.1 Carry out shutdown procedures according to manufacturer specifications and site requirements 3.2 Identify, inspect and report faults according to site requirements 3.3 Carry out operator maintenance and servicing according to manufacturer specifications and site requirements 3.4 Complete service and activity records and reports according to site requirements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Numeracy	Calculates basic measurements including mass and dimensions
Oral communication	Conveys information and requirements clearly and listens actively
Reading	Identifies and interprets specific information from workplace documentation
Self-management	Monitors and minimises own exposure to worksite risks and hazards during activities
Writing	Completes maintenance records using sector specific vocabulary, grammatical structures and conventions

Unit Mapping Information

Supersedes and is equivalent to RIIWBP201D Treat and dispose of rejects and tailings.

Links

Companion Volume Implementation Guide is found on VETNet -

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