



Australian Government

RIIMEX408 Supervise overburden dump operations

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 supervise overburden dump operations in the extractive industry. It involves interpreting and applying geological, geotechnical and survey data, and implementing hazard identification and risk assessment processes.

The unit applies to those working in supervisory roles in the extractive industry. They generally perform a broad range of operational activities in their area of responsibility and are responsible for monitoring a safe work environment.

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

Extractive

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 supervise overburden dump operations	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply overburden dump operations documentation and confirm the work activity is compliant 1.3 Access, share and clarify the geotechnical and survey data required for overburden dump operations with team members 1.4 Select and wear personal protective equipment according to site requirements 1.5 Conduct inspection of overburden dump and identify

ELEMENT	PERFORMANCE CRITERIA
	potential hazards and environmental issues, implement control measures within scope of own role and escalate where required 1.6 Prepare and implement an action plan in consultation with team members according to job and site requirements 1.7 Identify team training needs and confirm required training is provided 1.8 Obtain and make available resources and equipment required for overburden dump operations 1.9 Communicate and clarify instructions with involved personnel according to job requirements 1.10 Identify training needs for personnel involved in work activity and make arrangements to meet identified needs 1.11 Confirm lighting, barriers and signage are erected according to site requirements
2. Establish overburden dump area	2.1 Confirm correct dump design and location according to job and site requirements 2.2 Confirm overburden dump foundation is prepared according to workplace procedures and approved overburden dump design 2.3 Monitor placement of overburden material and confirm use of techniques that maintain safety and dump stability, and comply with site, geotechnical and environmental requirements 2.4 Confirm overburden dump has adequate drainage to minimise ponding, erosion and contamination of surrounding areas 2.5 Monitor progress of overburden dump formation to determine staged rehabilitation requirements according to work plan 2.6 Monitor overburden dump structure and surrounding area with visual checks to assess safety, stability and compliance with overburden dump design
3. Monitor dust suppression and overburden dump infrastructure maintenance	3.1 Monitor overburden structure and operations to confirm dust control measures are effective and meet site requirements 3.2 Adjust overburden dump activities to prevailing weather conditions and site dust suppression requirements 3.3 Maintain overburden dump access roads according to site requirements 3.4 Maintain safety and condition of bunds according to site requirements

ELEMENT	PERFORMANCE CRITERIA
	3.5 Maintain overburden dump drains and rehabilitated areas according to legislative and site requirements
4. Review and report on overburden dump operations	4.1 Monitor and report on the effectiveness of operating procedures according to site requirements 4.2 Complete and submit 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	- Presents information and provides assistance using industry specific vocabulary - Uses listening and questioning to clarify and confirm understanding
Reading	Identifies and interprets information from workplace documentation and legislation
Writing	Produces and completes workplace reports, including risk management matrices, using appropriate vocabulary, grammatical structures and conventions

Unit Mapping Information

No equivalent unit. New unit.

Links

Companion Volume Implementation Guide is found on VETNet -

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