



Australian Government

RIISRM601E Establish and maintain stockpile management systems

Release: 1

RIISRM601E Establish and maintain stockpile management systems

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 establish and maintain stockpile management systems in coal and metalliferous mining and extractive industries. It involves analysing, documenting and developing systems to achieve stockpile management goals, objectives and strategies.

The unit applies to those working in management or technical specialist roles. They generally perform complex, non-routine tasks involving strategic and planning activities and are responsible for establishing and maintaining operational systems and plans.

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 stockpile management system	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply stockpiling operations documentation and confirm the work activity is compliant 1.3 Analyse and document organisation goals, objectives and strategies in relation to the establishment of the

ELEMENT	PERFORMANCE CRITERIA
	<p>stockpile management system</p> <p>1.4 Investigate and analyse worksite environments to develop stockpile options, strategies and anticipated outcomes</p> <p>1.5 Develop and implement stockpile management strategies that embed identified objectives into the planning process</p>
<p>2. Facilitate the design, implementation and maintenance of the stockpile management system</p>	<p>2.1 Develop specifications and identify required equipment for stockpile systems according to site requirements</p> <p>2.2 Identify system options from an analysis of available technical, operational and financial information</p> <p>2.3 Evaluate the economics and efficiency of the stockpiling system options and configurations</p> <p>2.4 Scope work requirements and develop key selection criteria</p> <p>2.5 Develop and implement a procedure to identify hazards and analyse and evaluate risks associated with the installation of stockpiling systems and equipment</p> <p>2.6 Develop safe operating procedures and rules from an analysis of site requirements</p> <p>2.7 Develop and implement procedures for installing and commissioning stockpile systems and equipment</p> <p>2.8 Develop and implement a program to satisfy identified stockpiling training requirements</p> <p>2.9 Implement emergency response and evacuation systems, plans and procedures</p> <p>2.10 Develop operational and maintenance procedures for stockpile systems and equipment according to legislative, organisational and site requirements, and incorporate into site documentation</p> <p>2.11 Develop and implement procedures for reviewing and modifying work processes</p>
<p>3. Establish systems for audit and review</p>	<p>3.1 Establish procedures to evaluate and confirm system and equipment compliance with statutory and site requirements</p> <p>3.2 Identify, assess and incorporate future stockpile systems and equipment requirements into planning processes</p> <p>3.3 Develop and implement procedures to confirm the currency and compliance of stockpile maintenance and safety standards</p> <p>3.4 Develop and implement a system for recording and</p>

ELEMENT	PERFORMANCE CRITERIA
	reporting stockpile and equipment information 3.5 Audit the stockpile training program for currency and relevance 3.6 Develop and implement procedures for incorporating feedback into the audit and review system 3.7 Audit emergency response and evacuation systems, plans and procedures for compliance with site requirements 3.8 Develop and implement procedures for response to instances of non-compliance and other discrepancies that are revealed by audit

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
Oral communication	<ul style="list-style-type: none"> Conveys information and requirements clearly and listens actively
Reading	<ul style="list-style-type: none"> Identifies and interprets relevant information from workplace procedures, documentation and legislation
Writing	<ul style="list-style-type: none"> Prepares specific information that complies with a range of requirements, using sector-specific vocabulary, grammatical structures and conventions

Unit Mapping Information

Supersedes and is equivalent to RIISRM601D Establish and maintain the stockpile management system.

Links

Companion Volume Implementation Guide is found on VETNet -

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