



Australian Government

RIIMEX201E Suppress dust in open-cut environments

Release: 1

RIIMEX201E Suppress dust in open-cut environments

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 suppress dust in open-cut environments in coal mining, metalliferous mining and extractive industries. It involves carrying out and adjusting dust suppression activities based on the site's application schedule and prevailing weather conditions.

The unit 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 for dust suppression	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply dust suppression documentation 1.3 Select and wear personal protective equipment required for work activities 1.4 Identify potential hazards and environmental issues, implement control measures within scope of own role

ELEMENT	PERFORMANCE CRITERIA
	and escalate where required 1.5 Obtain and interpret emergency procedures and identify steps required to respond to emergencies 1.6 Select, access and interpret appropriate dust suppression procedure for the work activity and site conditions 1.7 Carry out pre-start and start-up according to manufacturer specifications and site requirement
2. Apply dust suppressant and rehabilitation measures	2.1 Apply selected dust suppression methods according to site requirements 2.2 Adjust dust suppression activities to the application schedule and weather conditions 2.3 Communicate and coordinate activities with others prior to, during and on completion of the work activity 2.4 Confirm dust creation is minimised 2.5 Apply rehabilitation measures to stabilise dumps and tailings sites
3. Carry out post-operational procedures for suppressing dust	3.1 Carry out park up, shutdown and secure equipment procedures according to manufacturer specifications and site requirements 3.2 Carry out operator maintenance and servicing according to manufacturer specifications and site requirements 3.3 Complete 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

SKILL	DESCRIPTION
Writing	Completes records and reports using sector specific vocabulary, grammatical structures and conventions

Unit Mapping Information

Supersedes and is equivalent to RIIMEX201D Suppress dust in open-cut environment.

Links

Companion Volume Implementation Guide is found on VETNet -

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