



Australian Government

RIIUMM307D Maintain underground stockpiles

Release: 2

RIIUMM307D Maintain underground stockpiles

Modification History

Release	Comment
1	This unit replaces RIIUMM307A Maintain underground stockpiles
2	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 describes a participant's skills and knowledge required to maintain underground stockpiles in Metalliferous mining.

This unit is appropriate for those working in operational roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and Industry sectors. Relevant information must be sourced prior to application of the unit.

Unit Sector

Metalliferous mining (Underground)

Elements and Performance Criteria

1. Plan and prepare for underground stockpiling	1.1. Access, interpret and apply stockpile maintenance documentation, and ensure the work activity is compliant 1.2. Obtain, interpret, clarify and confirm work instructions 1.3. Select and wear personal protective equipment appropriate for work activities 1.4. Inspect and assess site conditions and determine if scaling is required and take action 1.5. Identify, address and report potential risks, hazards and environmental issues 1.6. Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
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	1.7. Use approved dust suppression and extraction methods 1.8. Ensure work area is well ventilated before
2. Stockpile materials	2.1. Ensure stockpile site has adequate ground support and is accessible 2.2. Place stockpile materials in correct location to ensure efficient identification and access, and to prevent mixing of materials 2.3. Drive and operate equipment according to manufacturer's instructions and avoiding damage to the stockpile and surrounding site 2.4. Use appropriate stockpiling techniques to maximise the capacity of the stockpiling site 2.5. Identify and remove contaminants
3. Carry out post operational procedures	3.1. Clean and maintain condition of equipment, ensure suitability for use, and address/report issues 3.2. Clean and store auxiliary service equipment 3.3. Complete housekeeping requirements 3.4. Process written and verbal recording and reporting requirements

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

RIIUMM307A Maintain underground stockpiles

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for RIIUMM307D Maintain underground stockpiles

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Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies relevant, documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient maintenance of underground stockpiles including:
 - using driving and dumping techniques
 - using lifting and pushing techniques
 - using appropriate stockpiling techniques
- using approved dust suppression and extraction methods
- works effectively with others to undertake and complete the maintenance of underground stockpiles that meets all of the required outcomes including:
 - communicating clearly and concisely with others to receive and clarify work instructions, and convey work progress
- demonstrates completion of the maintenance of underground stockpiles that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - completing equipment start-up, parking and shut-down procedures
 - assessing stockpile site ground support and accessibility
 - placing stockpile materials in correct location to prevent mixing of materials
 - driving and operating equipment to manufacturer's instructions
 - identifying and applying appropriate stockpiling techniques to maximise the capacity of the stockpiling site
 - identifying and removing contaminants

Knowledge Evidence

The candidate must demonstrate knowledge in maintaining underground stockpiles through:

- equipment processes, technical capability and limitations
- accessing, interpreting and applying equipment safety requirements
- accessing, interpreting and applying geological and technical data (basic)
- complying with mining regulations
- identifying principles of contamination
- accessing, interpreting and applying stockpiling characteristics and limitations
- being prepared for events for fire/accident/emergency

Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit must be assessed in the context of this sector's work environment; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,
- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,
- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	AQF** Level	Required assessor or Industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years

Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this Unit is being assessed outside of the Resources and Infrastructure Sectors assessor and/or Industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation.	

*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for external assessors this can be demonstrated through exposure to Industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

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