



Australian Government

RIWBP501D Implement site waste and by-product management plan

Release: 2

RIIWBP501D Implement site waste and by-product management plan

Modification History

| Release | Comment |
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| 1 | This unit replaces RIIWBP501A Implement site waste and by-product management plan |
| 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 implement a site waste and by-product management plan in the Coal and Metalliferous mining and Extractive.

This unit is appropriate for those working in management or technical specialist roles.

No licensing, legislation or certification requirements apply to this unit at the time of publication.

Unit Sector

Coal mining

Extractive

Metalliferous mining

Elements and Performance Criteria

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| 1. Plan and prepare site waste and by-product management plan implementation | <p>1.1 Access, interpret and apply site waste and by-product management plan documentation and ensure the work activity is compliant</p> <p>1.2 Identify and document needs, quantity, quality, source and means of treatment of waste and by-product for production needs of the site</p> <p>1.3 Investigate, obtain and maintain all appropriate licences</p> <p>1.4 Ensure the water quality and water-course and ground water contamination are monitored and recorded</p> |
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| | <p>1.5 Ensure site treatment works for contaminated drainage or development/processing waters are designed and located to satisfy requirements</p> <p>1.6 Establish management systems with appropriate inlet/outlet works and means of improving the natural settlement process</p> <p>1.7 Plan and organise work schedules for operational best practice associated with managements systems and water quality specifications</p> |
| 2. Maintain tailing, waste and by-products disposal and water recycling operations | <p>2.1 Ensure site water is treated for reuse in operations to meet environmental and quality standards efficiently</p> <p>2.2 Undertake and record regular inspections of the water recycling system</p> <p>2.3 Arrange audits of the water recycling system by internal/external auditors</p> <p>2.4 Plan, organise and supervise the reuse or management of tailings, waste and by-products</p> |
| 3. Construct and maintain dam systems | <p>3.1 Plan and incorporate short and long term dam requirements into the site management plan</p> <p>3.2 Ensure the design and construction of dam systems meets requirements</p> <p>3.3 Undertake and document regular inspections of dams</p> <p>3.4 Ensure techniques to minimise and/or recycle tailings are incorporated into dam construction</p> <p>3.5 Encourage safe work practices</p> <p>3.6 Ensure best practice techniques in the design and construction of dams are considered and incorporated and ensure dams meet all relevant requirements</p> <p>3.7 Ensure the de-commissioning of dams is undertaken and the necessary approvals are attained</p> |

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

RIIWBP501A Implement site waste and by-product management plan

Links

Companion Volume implementation guides are found in VETNet -

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