



Australian Government

RIIWMG501D Implement the site water management plan

Release: 3

RIIWMG501D Implement the site water management plan

Modification History

Release	Comment
1	The unit replaces RIIWMG501A Implement the site water management plan
2	Editorial corrections.
3	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 the site water management plan in 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

1. Plan and prepare for development of the management plan	1.1 Access, interpret and apply the site water management plan documentation and ensure the work activity is compliant 1.2 Obtain, review and interpret the site geological, hydrological and survey data 1.3 Access, interpret and clarify the organisation's water management systems requirements
2. Prepare the management plan	2.1 Consult with internal and external stakeholders in the planning process and gain their support for the outcomes 2.2 Develop and document the plan in accordance with

	requirements 2.3 Develop an emergency response plan 2.4 Identify and acquire the resources required for the implementation of the plan 2.5 Identify and arrange any training and develop training plans 2.6 Prepare and present the site water management operations budget
3. Initiate, monitor and adjust the implementation of the management plan	3.1 Issue and explain the plan to all parties involved 3.2 Identify and allocate roles, responsibilities and targets 3.3 Provide timely ongoing support and advice to those implementing the plan 3.4 Ensure required records and reports are maintained and issued 3.5 Monitor implementation against the organisation and site requirements and budget 3.6 Consult with stakeholders to resolve issues 3.7 Issue instructions to adjust the plan and/or its implementation

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

RIIWMG501A Implement the site water management plan

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 RIIWMG501D Implement the site water management plan

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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 legislation, documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient development and implementation of the site water management plan including:
 - providing team leadership
 - selecting construction techniques
 - selecting and assigning plant and equipment
 - selecting development strategies
 - developing, initiating and administering work plans
 - accessing, interpreting and applying operational performance data
- works effectively with others to undertake and complete the development and implementation of the site water management plan tasks that meet all the required outcomes including:
 - using a range of communication techniques and equipment to convey information to others
 - issuing and maintaining written and verbal reporting requirements and procedures
 - organising work activities to meet task requirements
 - consulting with internal and external stakeholders
 - issuing and explaining the plan to all involved parties

- providing support and advice where required
- demonstrates completion of developing and implementing the site water management plan that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - identifying required information and scope of work
 - identifying, assessing and selecting plan components
 - developing and documenting the plan
 - identifying and acquiring the required resources
 - identifying and arranging training plans
 - identifying, allocating and documenting roles, responsibilities and targets
 - adjusting, in consultation, the implementation of the plan

Knowledge Evidence

The candidate must demonstrate knowledge in developing and implementing the site water management plan through:

- identifying and selecting construction techniques
- identifying, selecting and assigning plant and equipment
- identifying and selecting development strategies
- developing, initiating and administering work plans
- identifying license or environmental requirements
- identifying plant and equipment characteristics, capabilities and limitations
- applying consultative and coaching techniques

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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