



Australian Government

RIIDML401D Apply the principles of demolitions

Release: 2

RIIDML401D Apply the principles of demolitions

Modification History

Release	Comment
1	This unit replaces RIIDML401A Apply the principles of demolitions
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 apply the principles of demolitions in Civil construction.

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

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

Unit Sector

Civil construction

Elements and Performance Criteria

1. Ensure appropriate planning and preparation of tasks is carried out for applying the principles of demolitions	1.1 Access, interpret and apply the principles of demolition documentation and ensure the work activity is compliant 1.2 Access, interpret and clarify the specific task information and requirements relevant to undertaking the demolition tasks 1.3 Access, interpret and clarify job plan 1.4 Identify, address and report potential risks, hazards and environmental issues and implement control measures 1.5 Communicate and coordinate activities with others prior to, during and on completion of the work activity
2. Initiate tasks as per the demolition job plan	2.1 Identify, obtain and allocate the necessary resources are available for the safe, effective and efficient completion of the work activity 2.2 Communicate and explain work group and individual

	responsibilities and tasks 2.3 Sequence tasks as required for effective completion
3. Oversee the execution of tasks	3.1 Access, interpret and apply procedures for monitoring demolition performance to ensure outcomes are met 3.2 Initiate adjustments to work practice or job plan to ensure safe execution of work and achievement of required outcomes
4. Report on the execution of tasks	4.1 Complete and submit written reports 4.2 Recommend corrective actions to improve safety, efficiency and effectiveness

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

RIIDML401A Apply the principles of demolitions

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 RIIDML401D Apply the principles of demolitions

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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 completion of Apply the principles of demolitions including:
 - interpreting and applying geological, hydrological and survey data
 - selecting and applying demolition techniques
 - selecting and assigning plant and equipment
- demonstrates completion of the principles of demolition that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - identifying, obtaining and allocating the necessary resources are available for the safe, effective and efficient completion of the tasks
 - setting out tasks as required for the effective completion of the task
 - monitoring demolition tasks performance to ensure it achieves the required outcomes
 - initiating adjustments to work practice or job plan to ensure safe execution of work and achievement of required outcomes
 - applying procedures for monitoring demolition tasks performance to ensure it achieves the required outcomes
 - preparing written reports on demolition execution

Knowledge Evidence

The candidate must demonstrate knowledge in apply the principle of demolitions through:

- slope management
- demolitions plant and equipment capabilities
- plant, equipment and tools maintenance
- demolitions task resource requirements and procedures
- works planning techniques
- demolitions monitoring methods
- engineering survey principles
- materials quality and delivery requirements and procedures

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 is best assessed in the context of this sector's work environment;
- where personal safety or environmental damage are limiting factors, assessment may occur in a simulated environment provided it is realistic and sufficiently rigorous to cover all aspects of this sector's workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills; 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
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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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