



Australian Government

RIIDML401E Supervise demolitions

Release: 1

RIIDML401E Supervise demolitions

Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0.

Application

This unit describes the skills and knowledge required to supervise demolitions in civil construction including confirming provision of resources, overseeing tasks and performance, providing support to team members and initiating adjustments to improve efficiency of demolitions.

It applies to those working in supervisory or technical specialist roles. They generally perform a broad range of operational activities in their area of responsibility and are responsible for monitoring a safe work environment.

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

Civil construction

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 to supervise demolition	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply documentation required to supervise demolition and confirm work activity is compliant 1.3 Obtain and interpret emergency procedures, and identify steps required to respond to emergencies 1.4 Select and wear personal protective equipment according to site requirements 1.5 Access, interpret and clarify job plan 1.6 Identify potential hazards and environmental issues, implement

ELEMENT	PERFORMANCE CRITERIA
	control measures within scope of own role and escalate where required 1.7 Identify, confirm, and locate materials required for work application 1.8 Communicate and coordinate work activities with others
2. Initiate tasks	2.1 Identify, obtain and allocate resources required for work activity according to job requirements 2.2 Communicate and explain group and individual responsibilities and tasks according to job requirements 2.3 Sequence tasks for completion according to job requirements
3. Oversee execution of tasks	3.1 Access, interpret and apply procedures for monitoring demolition performance and confirm outcomes are met according to job requirements 3.2 Implement adjustments to work practice and job plan to confirm safe task execution and completion according to job requirements
4. Report on execution	4.1 Complete and submit reports according to job requirements 4.2 Recommend actions to improve safety, efficiency and effectiveness

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
Initiative and enterprise	Identifies and executes tasks independently
Oral communication	- Identifies and interprets information from verbal instructions - Conveys information and instructions to others verbally
Problem solving	Identifies solutions to complex issues
Self-management	Monitors and minimises own exposure to worksite risks and hazards during work activities
Writing	Communicates and documents information in written form

Unit Mapping Information

Supersedes and is equivalent to RIIDML401D Apply the principles of demolitions.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for RIIDML401E Supervise demolitions

Modification History

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- supervise demolitions on at least two occasions, including:
 - confirming provision of plant, tools, equipment and resources required to carry out tasks
 - setting out and overseeing tasks for effective completion
 - supervising demolition tasks and performance
 - providing support to team members where tasks require problem solving
 - initiating adjustments to work practice or job plan to achieve required outcomes
 - reporting on demolition execution.

During the above, the candidate must:

- locate and apply required legislation, documentation, policies and procedures and confirm work activity is compliant
- implement the requirements, procedures and techniques for supervising demolitions, including:
 - interpreting and applying geological, hydrological and survey data
 - selecting and applying demolition techniques
 - selecting and assigning plant and equipment, including fault checking
 - identifying, obtaining, confirming and supervising the implementation of signage and barrier requirements
 - confirming job plan is available and communicated
 - optimising available resources to meet task requirements
- work with others to supervise demolitions that meets requirements, including:
 - preparing for and organising work activities to meet task requirements
 - communicating with others to allocate work tasks and confirming and clarifying work instructions

- monitoring movements and hazards and identifying and communicating changes to work environment
- completing written and verbal reporting requirements and procedures.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- legislation required to supervise demolitions
- policies, procedures and documentation required to supervise demolitions, including those relating to:
 - hazard and risk management
 - work health and safety
 - emergency response
 - site and equipment safety
 - environmental protection
 - waste management
 - communication techniques and equipment
 - team supervisory techniques
 - operational, maintenance and basic diagnostic procedures
 - project quality requirements job plans
 - work instructions
 - site heritage and culture
 - hazard management
 - budgeting
 - job plans and specifications
 - site requirements
 - manufacturer specifications for required plant and equipment
 - workplace recording and reporting
- principles and techniques required to supervise demolitions, including those relating to:
 - demolitions
 - demolition tasks
 - scaffolding erection
 - slope management
 - site preparation
 - sediment controls
 - works planning
 - demolition monitoring methods
 - engineering survey data
 - site geological data

- site hydrological data
- site meteorological data
- resources, including:
 - labour
 - supply vehicles
 - sub-contractor services
- task monitors, including:
 - ongoing assessment
 - sampling and testing
 - observing and recording
 - supervision
- interpreting engineering drawings
- types, characteristics, technical capabilities and limitations of plant and equipment required to supervise demolitions, including demolitions plant
- materials safety data sheet (SDS) compliance processes
- components of job safety analyses (JSAs), job safety environmental analyses (JSEAs), and safe work method statements (SWMs)
- civil construction terminology related to supervising demolitions.

Assessment Conditions

Mandatory conditions for assessment of this unit are stipulated below. The assessment must:

- include access to:
 - personal protective equipment
 - equipment required to supervise demolitions
- be conducted in a safe environment; and,
- be assessed in the context of this sector's work environment; and,
- be assessed in compliance with required legislation/regulation and using policies, procedures and processes directly related to the industry sector for which it is being assessed; and,
- confirm consistent performance can be applied in a range of relevant workplace circumstances.

Where personal safety or environmental damage are limiting factors, assessment may occur in a simulated work 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.

Assessor requirements

Assessors must be able to clearly demonstrate current and relevant industry knowledge and experience to satisfy the mandatory regulatory standards as set out in the Standards for Registered Training Organisations 2015/Australian Quality Training Framework mandatory requirements for assessors current at the time of assessment and any relevant licensing and certification requirements. This includes:

- vocational competencies at least to the level being delivered and assessed
- current industry skills directly relevant to the training and assessment being provided
- current knowledge and skills in vocational training and learning that informs their training and assessment
- formal relevant qualifications in training and assessment
- having knowledge of and/or experience using the latest techniques and processes
- possessing the required level of RII training product knowledge
- having an understanding and knowledge of legislation and regulations relevant to the industry and to employment and workplaces
- demonstrating the performance evidence, and knowledge evidence outlined in this unit of competency, and
- the minimum years of current** work experience after competency has been obtained as specified below in an industry sector relevant to the outcomes of the unit.

It is also acceptable for the appropriately qualified assessor to work with an industry expert to conduct assessment together and for the industry expert to be involved in the assessment judgement. The industry expert must have current industry skills directly relevant to the training and assessment being provided. This means the industry subject matter expert must demonstrate skills and knowledge from the minimum years of current work experience after competency has been obtained as specified below, including time spent in roles related to the unit being assessed:

Industry sector	AQF indicator level***	Required assessor or industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Infrastructure	1	1 year
	2	2 years
Drilling, Coal Mining, Extractive (Quarrying), Metalliferous Mining and Civil Infrastructure	3-6	3 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.	

*Guidance on simulated environments has been stipulated in the RII implementation guide located on VETNet.

**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 a minimum number of site assessments as determined by the relevant industry sector, across various locations.

***While a unit of competency does not have an AQF level, where a unit is being delivered outside of a qualification the first numeric character in the unit code should be considered as the AQF indicator level for assessment purposes.

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