



Australian Government

Assessment Requirements for RIIMEX503E Manage dredging operations

Release: 1

Assessment Requirements for RIIMEX503E Manage dredging operations

Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0.

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:

- manage dredging operations on at least two occasions, including:
 - developing, initiating and administering dredging plans and operating procedures using dredging parameters
 - assessing and prioritising implementation processes
 - monitoring dredging operations and adjusting work plan when required
 - writing reports to communicate procedural activity, breach or inadequacies to procedure and review process.

During the above, the candidate must:

- locate and apply relevant legislation, documentation, policies and procedures
- implement the requirements, procedures and techniques for to manage dredging operations safely, effectively and efficiently, including:
 - identifying relevant information and scope of work necessary to meet required outcomes
 - interpreting and applying operational performance data
 - identifying viable options and selecting options that best meet required outcomes
 - interpreting and applying geological and survey data
 - selecting and assigning plant, equipment, resources and operational techniques
 - implementing hazard identification and risks assessment processes
 - identifying and addressing training needs
- work effectively with others to undertake and complete managing dredging operations that meets required outcomes, including:
 - managing people and processes and providing team leadership
 - complying with written and verbal reporting requirements and procedures
 - using communication techniques required to convey information to others

- communicating with team members and others to provide and clarify work instructions
- identifying the training needs of others and preparing training plans.

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:

- legislative requirements for managing dredging operations
- policies, procedures and documentation required to manage dredging operations, including those relating to:
 - environmental protection
 - fire, accident and emergency
 - hazard identification and risk management processes
 - personal protective equipment
 - quality control, communications and statutory compliance
 - site operational, quality and communication requirements
 - site product characteristics
 - site requirements
 - work health and safety
 - workplace recording and reporting requirements
- emergency response, evacuation and disaster planning processes and techniques
- principles and techniques for managing dredging operations, including:
 - managing resources, plant and equipment within capabilities and limitations
 - interpreting geological and survey data
 - selecting appropriate pit development options
- roles and responsibilities of relevant personnel involved in the implementation of the mine design systems
- techniques for team leadership, including:
 - consultation and coaching techniques
 - questioning and active listening
 - recording and reporting systems
 - work planning and work monitoring methods.

Assessment Conditions

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

- include access to:
 - personal protective equipment
 - an environment where dredging operations is required
 - equipment required for dredging operations
 - simulated or actual documentation of work requirements and reports

- be conducted in a safe environment; and,
- be assessed in the context of this sector's work environment; and,
- be assessed in compliance with relevant 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)	1	1 year
	2	2 years

Industry sector	AQF indicator level***	Required assessor or industry subject matter expert experience
and Civil Infrastructure		
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.

Links

Companion Volume Implementation Guide is found on VETNet -

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