



Australian Government

RIIMEX402E Supervise dredging operations

Release: 1

RIIMEX402E Supervise dredging operations

Modification History

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

Application

This unit describes the skills and knowledge required to supervise dredging operations in civil construction, metalliferous mining and extractive industries. It involves accessing and analysing survey and geological data and implementing appropriate operational techniques.

The unit applies to those working in supervisory 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

Extractive

Metalliferous mining

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 for supervision of dredging operations	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply dredging operation documentation and confirm the work activity is compliant 1.3 Identify potential hazards and environmental issues, implement control measures within scope of own role and escalate where required 1.4 Identify team training needs and confirm required

ELEMENT	PERFORMANCE CRITERIA
	training is provided 1.5 Select and wear personal protective equipment according to site requirements 1.6 Access, share and clarify the geological and survey data with team members 1.7 Prepare an implementation action plan 1.8 Acquire and make available the necessary resources for the dredging operation 1.9 Communicate instructions to team members involved
2. Monitor, adjust and report on execution of the dredging operations	2.1 Confirm safe execution of the dredging plan 2.2 Monitor dredging operation performance and confirm achievement of planned outcomes 2.3 Identify opportunities for improvement and adjust activities accordingly 2.4 Complete and submit reports according to site and job requirements 2.5 Identify opportunities to improve the safety, efficiency and effectiveness of the dredging operations

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
Numeracy	Calculates basic measurements including mass and dimensions
Oral communication	- Presents information and provide assistance using industry specific vocabulary - Uses listening and questioning to clarify and confirm understanding
Reading	Identifies critical information from the organisational plan, work programs and team members' individual training needs assessments to design a program for team skills development
Self-management	Monitors and minimises own exposure to worksite risks and hazards during activities
Planning and organising	- Manages time and priorities, setting timelines and coordinating tasks for self and with others - Participates in continuous improvement and planning processes
Writing	Completes maintenance records using sector specific vocabulary,

SKILL	DESCRIPTION
	grammatical structures and conventions

Unit Mapping Information

Supersedes and is equivalent to RIIMEX402D Supervise dredging operations.

Links

Companion Volume Implementation Guide is found on VETNet -

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