



Australian Government

RIIMPO326E Conduct water vehicle operations

Release: 1

RIIMPO326E Conduct water vehicle operations

Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0.

Application

This unit describes the skills and knowledge required to load, haul and distribute water using a water vehicle.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and industry sectors, and must be sourced from state jurisdictions prior to applying this unit.

Unit Sector

Civil infrastructure

Coal mining

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 water vehicle operations	1.1 Access, interpret and apply water vehicle operations documentation 1.2 Obtain, interpret, clarify and confirm work instructions and confirm compliance with documentation and workplace procedures 1.3 Identify hazards and environmental issues, assess the risks and implement control measures in line with workplace policies 1.4 Select and wear personal protective equipment required for work activities 1.5 Follow traffic management signage requirements according to

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>standard operating procedures and safe work practices</p> <p>1.6 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p> <p>1.7 Coordinate and communicate planned activities with others at the site prior to commencing work activity</p>
2. Operate water vehicle in line with established requirements	<p>2.1 Carry out prestart and start-up checks in line with workplace procedures</p> <p>2.2 Identify faults or defects and rectify or report within scope of own responsibility and according to workplace procedures</p> <p>2.3 Operate the water vehicle to original equipment manufacturer requirements, and according to workplace procedures</p> <p>2.4 Manage engine power to ensure distribution of water to complete work activity, and in line with workplace procedures</p> <p>2.5 Coordinate engine power with gear selection to ensure smooth transition and operation within torque range</p> <p>2.6 Monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment</p>
3. Load, haul and distribute water to complete work activity	<p>3.1 Position water vehicle at loading and/or distribution points</p> <p>3.2 Load water vehicle to within the authorised carrying capacity and to suit the site and task conditions</p> <p>3.3 Operate water vehicle according to site conditions to avoid surge and sway</p> <p>3.4 Discharge or distribute water efficiently in accordance with work requirements and workplace procedures</p> <p>3.5 Monitor discharge of water throughout the operations</p> <p>3.6 Park up, shut down, secure and carry out post operational inspection of equipment in line with workplace procedures</p>

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
4. Conduct housekeeping activities	4.1 Clear work area and dispose of or recycle materials according to workplace procedures 4.2 Manage and/or report hazards to maintain a safe working environment 4.3 Complete and file or distribute documentation in accordance with workplace practices

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Skill	Description
Reading	<ul style="list-style-type: none"> Identifies and interprets relevant information from workplace procedures, documentation, legislation and regulations
Numeracy	<ul style="list-style-type: none"> Uses equipment operating capacity schedule to confirm safe weight load limits

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
RIIMPO326E Conduct water vehicle operations (Release 1)	RIIMPO326D Conduct civil construction water cart operations (Release 3)	Minor updates to reflect changes to operator maintenance activities, name of unit and content to apply to all industries	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

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