



Australian Government

RIIMPO325E Conduct civil construction scraper operations

Release: 1

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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 operate a scraper to load, transport and discharge material, and to couple and relocate a scraper.

This unit applies to those working in site based roles.

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.

This unit alone does not provide sufficient skill to independently load and unload equipment. To perform this activity safely, personnel must either complete or be assisted by someone who has completed RIIHAN308F Load and Unload Plant or equivalent.

Unit Sector

Civil infrastructure

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 scraper operations	1.1 Access, interpret and apply scraper operations documentation 1.2 Obtain, interpret, clarify and confirm work instructions 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 Identify, obtain and implement traffic management signage requirements according to standard operating procedures and safe work practices

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>1.6 Select equipment and confirm suitability for work activities</p> <p>1.7 Obtain and interpret emergency procedures for a scraper, and be prepared for fires, accidents emergencies</p> <p>1.8 Coordinate communicate planned activities with others at the site prior to commencement of the work activity</p>
2. Operate scraper in line with established requirements to complete work activity	<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 Drive and operate scraper using techniques suited to equipment capabilities, site and work conditions, and according to workplace procedures</p> <p>2.4 Load, transport and discharge material , ensuring minimum loss of load</p> <p>2.5 Conduct, control and monitor operations within the equipment limitations</p> <p>2.6 Monitor hazards and risks during operations , and ensure safety of self, other personnel, plant and equipment</p> <p>2.7 Monitor and manage equipment performance using indicators and alarms</p> <p>2.8 Park up, shut down, secure and carry out post operational inspection of equipment in line with workplace procedures</p>
3. Couple machines to perform work activity	<p>3.1 Establish and maintain coordination with other scraper operator during coupling</p> <p>3.2 Assist with safe disengagement of puller/pusher when bowls are filled to capacity</p> <p>3.3 Use attachment in accordance with recommendations and design limits</p> <p>3.4 Clean and store removed attachments in designated location according to workplace procedures</p>
4. Relocate the scraper	<p>4.1 Prepare scraper for relocation</p> <p>4.2 Move scraper safely between worksites, observing relevant codes and traffic management requirements</p> <p>4.3 Assist loading and unloading machine from float/trailer in line</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>
	with workplace procedures
5. Conduct housekeeping activities	5.1 Clear work area and dispose of or recycle materials according to workplace procedures 5.2 Manage and/or report hazards to maintain a safe working environment 5.3 Complete and file or distribute documentation in a manner that complies 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 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
RIIMPO325E Conduct civil construction scraper operations (Release 1)	RIIMPO325D Conduct civil construction scraper operations (Release 3)	Minor updates to reflect changes to operator maintenance and relocation activities	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>