



Australian Government

RIIMPO324F Conduct civil construction grader operations

Release: 1

RIIMPO324F Conduct civil construction grader 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 conduct grader operations.

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 grader operations	1.1 Access, interpret and apply grader 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 1.6 Select required grader equipment and/or attachments and confirm

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	suitability for work activities 1.7 Obtain and interpret emergency procedures for graders, and be prepared for fires, accidents and emergencies 1.8 Coordinate and communicate planned activities with others at the site prior to commencement of work activity
2. Operate grader in line with established requirements to complete work activity	2.1 Carry out prestart and start-up checks in line with workplace procedures 2.2 Identify faults or defects and rectify or report within scope of own responsibility and according to workplace procedures 2.3 Drive and operate grader using techniques suited to equipment capabilities, site and work conditions, and according to workplace procedures 2.4 Identify and apply operating techniques for grader to achieve optimum output within specified tolerances 2.5 Perform work activity within the operating capacity of the equipment in accordance with manufacturers' specifications 2.6 Monitor hazards and risks during operations, and ensure safety of self, other personnel, plant and equipment 2.7 Monitor and manage equipment performance using indicators and alarms 2.8 Park up, shut down, secure and carry out post operational inspection of equipment in line with workplace procedures
3. Select, remove, fit and use attachments for grader	3.1 Select attachment for the task 3.2 Fit attachment in line with workplace procedures 3.3 Test attachment and ensure correct fitting and operation 3.4 Use attachment within design limits and in accordance with workplace procedures 3.5 Remove, clean and store attachments in designated location in line with workplace procedures
4. Prepare to relocate the grader	4.1 Prepare grader for relocation 4.2 Move grader safely within and between work areas, observing relevant codes and traffic management requirements 4.3 Assist loading and unloading machine from float/trailer in line with workplace procedures

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
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
RIIMPO324F Conduct civil construction grader operations (Release 1)	RIIMPO324E Conduct civil construction grader operations (Release 1)	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>