



Australian Government

RIIMPO324E Conduct civil construction grader operations

Release: 1

RIIMPO324E Conduct civil construction grader operations

Modification History

| Release | Comment |
|---------|---|
| 1 | This unit replaces RIIMPO324D Conduct civil construction grader operations. 'Use of machine guidance system and laser levelling equipment' moved from performance evidence to knowledge evidence. Grammatical amendments made to the performance criteria. Added mapping table. |

Application

This unit describes a participant's skills and knowledge required to conduct civil construction grader operations in civil construction.

This unit is appropriate for those working in operational roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and Industry industry sectors. Relevant information must be sourced prior to application of the unit.

Unit Sector

Civil construction

Elements and Performance Criteria

| | |
|---|---|
| <p>1. Plan and prepare for grader operations</p> | <p>1.1 Access, interpret and apply grader operations documentation and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work instructions</p> <p>1.3 Identify and address risks, hazards and environmental issues and implement control measures</p> <p>1.4 Select and wear personal protective equipment appropriate for work activities</p> <p>1.5 Identify, obtain and implement traffic management signage requirements</p> <p>1.6 Select, and check for faults, equipment and/or attachments for work activities</p> <p>1.7 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p> |
| <p>2. Operate grader</p> | <p>2.1 Carry out pre-start, start-up, park, shutdown and secure equipment procedures</p> <p>2.2 Coordinate activities with others at the site prior to commencement of, and during, the work activity</p> <p>2.3 Continually monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment</p> <p>2.4 Identify and apply operating techniques for grader to achieve optimum output within specified tolerances</p> <p>2.5 Drive and operate grader, and modify the operating technique to meet changing work conditions</p> <p>2.6 Complete work plan within the operating capacity of the equipment</p> <p>2.7 Act on or report monitoring systems and alarms</p> |
| <p>3. Select, remove and fit attachments</p> | <p>3.1 Select attachment for the task</p> <p>3.2 Remove and fit attachment</p> <p>3.3 Test attachment and ensure correct fitting and operation</p> <p>3.4 Use attachment in accordance with recommendations and design limits</p> <p>3.5 Clean and store removed attachments in designated location</p> |
| <p>4. Relocate Prepare to relocate the grader</p> | <p>4.1 Prepare grader for relocation</p> <p>4.2 Move grader safely within and between worksiteswork areas, observing relevant codes and traffic management requirements</p> |

| | | |
|---|-----|--|
| | 4.3 | Load and unload machine from float/trailer |
| 5. Carry out machine operator maintenance | 5.1 | Prepare machine for maintenance |
| | 5.2 | Conduct inspection and fault finding |
| | 5.3 | Carry out scheduled maintenance tasks |
| | 5.4 | Process written maintenance records |
| 6. Conduct housekeeping activities | 6.1 | Clear work area and dispose of or recycle materials in accordance with project environmental management plan |
| | 6.2 | Process records |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

| Code and title current version | Code and title previous version | Comments | Equivalence status |
|--|--|---|-----------------------|
| RIIMPO324E Conduct civil construction grader operations | RIIMPO324D Conduct civil construction grader operations | 'Use of machine guidance system and laser levelling equipment' moved from performance evidence to knowledge evidence. Grammatical amendments made to the performance criteria. Add mapping table. | Equivalent |

Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>