



Australian Government

Department of Education, Employment and Workplace Relations

AHCMOM206A Conduct grader operations

Release: 1

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Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the process of conducting grader operations in an earthworks environment and describes the standard required to: operate the machine safely; operate the machine's features and attachments consistent with operator manual; carry out day to day servicing and minor maintenance.
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Application of the Unit

Application of the unit	This unit applies to the operation and maintenance of graders used on rural lands.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

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1. Prepare for operations	1.1. Safety rules and regulations, including site rules and legislation and site specific instructions are observed. 1.2. Pre start checks are carried out in accordance with manufacturer's and site authorised procedures. 1.3. Briefings or hand over details are received, interpreted and clarified in accordance with site requirements.
2. Operate grader	2.1. Start-up, park-up, shut-down and communications procedures are carried out in accordance with manufacturers and/or site specific requirements. 2.2. Grader controls and functions, including blade, scarifiers, articulation, wheel tilt and manoeuvring are used to complete a range of tasks. 2.3. Safe towing of equipment and plant is carried out in accordance with the authorised equipment and/or connection capabilities.
3. Carry out basic operator maintenance	3.1. Inspection and fault finding are conducted in accordance with manufacturer's specifications and/or site requirements. 3.2. Routine operational servicing, lubrication and housekeeping tasks are carried out to manufacturers and/or site requirements. 3.3. Minor maintenance is carried out to manufacturers and/or site requirements. 3.4. Records are maintained in accordance with site requirements. 3.5. Vehicle washing is carried out to manufacturer's specifications and/or site requirements.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- access, interpret and apply technical information
- maintain equipment records
- use relevant hand tools

REQUIRED SKILLS AND KNOWLEDGE

- apply problem solving techniques
- work wearing personal protective equipment
- operate graders in accordance with site/manufacturer's specifications
- use literacy skills to follow sequenced written instructions and record information accurately and legibly
- use oral communication skills/language competence to fulfil the job role as specified by the organisation including questioning, active listening, asking for clarification and seeking advice from supervisor
- use numeracy skills to estimate, calculate and record routine workplace measures
- use interpersonal skills to relate to people from a range of social, cultural and ethnic backgrounds and with a range of physical and mental abilities.

Required knowledge

- site and equipment safety requirement
- equipment characteristics, technical capabilities and limitations
- operational and maintenance procedures
- problem solving techniques.

Evidence Guide

EVIDENCE GUIDE	
The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.	
Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this unit	The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following: • operate the machine safely • operate the machine's features and attachments consistent with operator manual • carry out day to day servicing and minor maintenance.
Context of and specific resources for assessment	Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

Range Statement

RANGE STATEMENT	
The range statement relates to the unit of competency as a whole.	
Type of works conducted may include	• irrigation channels • shed sites • tracks • erosion control.
Types of machines include:	• all types and sizes of graders deployed in rural landscapes.

Unit Sector(s)

Unit sector	Machinery operation and maintenance
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Co-requisite units

Co-requisite units		

Competency field

Competency field	
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