



Australian Government

Department of Education, Employment and Workplace Relations

AHCMOM210A Conduct scraper operations

Release: 1

AHCMOM210A Conduct scraper operations

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the process of using scrapers to undertake earthwork operations and defines 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 scrapers used for earthwork projects.
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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 scraper	2.1. Start-up, park-up, shut-down and communication procedures are carried out in accordance with manufacturers' and/or site specific requirements. 2.2. Scraper operations are conducted, controlled and monitored with equipment and operational limitations.
3. Carry out basic operator maintenance	3.1. Inspection and fault finding are conducted in accordance with manufacturers' specifications and reported. 3.2. Routine operational servicing and lubrication tasks are carried out to manufacturers' specifications. 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. Washing vehicle and housekeeping is carried out to manufacturer's or site requirements.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

Required skills

- identify hazards and implement safe work procedures
- access, interpret and apply technical information
- maintain equipment records
- use relevant hand tools
- work wearing personal protective equipment
- operate front end loaders in accordance with site/manufacturer's specifications
- use literacy skills to follow sequenced written instructions and record information

REQUIRED SKILLS AND KNOWLEDGE

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
- environmental legislation and impacts of scraper operations.

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 and storages • shed sites • farm dams.
Types of machines include:	• all types and sizes of scrapers 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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