



Australian Government

Department of Education, Employment and Workplace Relations

AHCMOM208A Conduct excavator operations

Release: 1

AHCMOM208A Conduct excavator operations

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the process of operating excavators to undertake earthwork operations and defines the standard required to: operate the machine's features and attachments consistent with operator manual; carry out day to day servicing and minor maintenance.
------------------------	--

Application of the Unit

Application of the unit	This unit applies to the operation and maintenance of excavators.
--------------------------------	---

Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
-----------------------------	--

Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA
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 excavator	2.1. Start-up, park-up and shutdown and communication procedures are carried out in accordance with manufacturers' and/or site specific requirements. 2.2. Safe operating practices, identification of hazards in the workplace including operating controls, monitoring gauges and systems, conducting safety checks and use of two way radio for communication are carried out within manufacturers' and/or site specific requirements. 2.3. Operating procedures to fill and load are conducted, controlled and monitored in accordance with manufacturers and/or site procedures including those covering truck loading. 2.4. Work is carried out in accordance with the agreed plan and outcomes and within the operating capacities/manufacturer's specifications of the allocated equipment. 2.5. Operations are carried out in accordance with site quality plan and consideration of environmental impact.
3. Carry out basic operator maintenance	3.1. Inspection and fault finding are conducted in accordance with manufacturers' specifications and/or site requirements and reported. 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. Vehicle washing and housekeeping is carried out to manufacturer's and/or site requirements. 3.5. Records are maintained in accordance with 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 excavators in accordance with site/manufacture'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
- environmental legislation and impacts of excavator 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 • shed sites • farm dams • tracks • silage pits • erosion control
Types of machines include:	• all types and sizes of excavators deployed in rural landscapes.

Unit Sector(s)

Unit sector	Machinery operation and maintenance
--------------------	-------------------------------------

Co-requisite units

Co-requisite units		

Competency field

Competency field	
-------------------------	--