



Australian Government

Department of Education, Employment and Workplace Relations

MEM11004B Undertake dogging

Release: 1

MEM11004B Undertake dogging

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers attaching slings to loads and moving loads using appropriate communication and signalling methods.
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Application of the Unit

Application of the unit	This unit applies to the skills used when working with loads, selecting equipment and communicating with a crane driver in a workshop or on site. The scope of work is to demonstrate competence in the application of slinging techniques, selection and inspection of lifting gear, and direction of the crane/hoist operator in the movement of the load including when the load is out of view of the operator. This unit is not intended to apply to machine loading and simple straight lifts where knowledge of codes and signals is not required. Band: A Unit Weight: 4
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		
Path 1	MEM18001C	Use hand tools

Employability Skills Information

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

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Attach lifting gear to loads	1.1. Potential hazards associated with the use of cranes and other load shifting equipment are identified and measures to eliminate or control these hazards are planned. 1.2. Site information is obtained as necessary. 1.3. All work is undertaken safely and to prescribed procedures. 1.4. Load is inspected and best lifting method determined. 1.5. Load shifting equipment is selected appropriate to load. 1.6. Lifting gear is inspected and damaged or worn items are labelled and rejected. 1.7. Where appropriate, safe working loads are calculated to Australian standards. 1.8. Lifting gear is attached to load in most appropriate and safe manner and to specifications where required.
2. Move loads	2.1. Load moving is performed to acceptable safe working practices, Australian standards, codes of practice and specifications. 2.2. Lifting gear is connected to load shifting equipment using safe and appropriate techniques. 2.3. Communication and signalling methods are used as appropriate to coordinate the load movement in a safe manner. 2.4. Load is grounded or put down in accordance with prescribed procedure, in a safe and stable manner. 2.5. All lifting gear is detached from load mover and load.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

Required skills

REQUIRED SKILLS AND KNOWLEDGE

Look for evidence that confirms skills in:

- selecting lifting methods and load shifting equipment appropriate to the task
- attaching loads
- calculating safe working loads
- communicating with related personnel about the lift
- using of basic hand tools relating to lifts
- identifying hazards and assessing risk
- identifying damaged/worn lifting gear
- self management
- team work
- problem solving

Required knowledge

Look for evidence that confirms knowledge of:

- Australian standards, codes of practice and specifications
- lifting methods and lifting gear to suit various loads
- dogging signals and communication methods
- calculations relevant to lifting procedures
- lifting methods
- types and applications of load shifting equipment
- hazards and control measures associated with dogging
- use and application of personal protective equipment
- safe work practices and procedures
- licensing requirements
- permit requirements
- site/non-site personnel
- manufacturers' specifications
- enterprise procedures
- workplace communication procedures

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

A person who demonstrates competency in this unit must be able to calculate, sling, and arrange safe movement of a load. Competency in this unit cannot be claimed until all prerequisites have been satisfied.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Assessors must be satisfied that the candidate can competently and consistently perform all elements of the unit as specified by the criteria, including required knowledge, and be capable of applying the competency in new and different situations and contexts.

Context of and specific resources for assessment

This unit may be assessed on the job, off the job or a combination of both on and off the job. Where assessment occurs off the job, that is the candidate is not in productive work, then an appropriate simulation must be used where the range of conditions reflects realistic workplace situations. The competencies covered by this unit would be demonstrated by an individual working alone or as part of a team. The assessment environment should not disadvantage the candidate.

This unit could be assessed in conjunction with any other units addressing the safety, quality, communication, materials handling, recording and reporting associated with the calculation and safe movement of loads or other units requiring the exercise of the skills and knowledge covered by this unit.

Method of assessment

Assessors should gather a range of evidence that is valid, sufficient, current and authentic. Evidence can be gathered through a variety of ways including direct observation, supervisor's reports, project work, samples and questioning. Questioning should not require language, literacy and numeracy skills beyond those required in this unit. The candidate must have access to all tools, equipment, materials and documentation required. The candidate must be permitted to refer to any relevant workplace procedures, product and manufacturing specifications, codes, standards, manuals and reference materials.

EVIDENCE GUIDE**Guidance information for assessment****Range Statement****RANGE STATEMENT**

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Hazards	May include overhead power lines, trees, overhead service lines (such as steam, gas, water, telephone), underground services, uneven and/or unstable ground, allowable floor loading as appropriate, other workers and persons, surrounding buildings/vessels/structures equipment, hazardous materials, corrosive substances, barricades, inadequate lighting and radio interference
Load shifting equipment	May include overhead cranes, overhead gantry, forklift with approved lifting boom/jib, mobile cranes
Lifting method	Slings in an appropriate configuration
Lifting gear	Tags, slings, ropes, shackles, lifting clutches, snatch blocks, I bolts, spreader beams, chain blocks, chain shorteners and may include equalising sheaves, collared I bolts, turn buckles, rigging screws and lifting lugs
Calculations	Load and gear calculations
Safe working practices	• Inspection of the environment • Assessment of hazards • Personnel safety
Communication and signalling	• Signals are given both within sight and out of

RANGE STATEMENT	
methods	sight of equipment operators. • Signals include stop, raise, lower, slew, luff, extend and retract boom, using hands, verbal instructions and whistles
State or Territory legislative requirements	• Appropriate OH&S and acts and regulations • Australian standards and codes of practice and • NOHSC:1006 • AS1418

Unit Sector(s)

Unit sector	
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Co-requisite units

Co-requisite units		

Competency field

Competency field	Materials handling
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