



Australian Government

Department of Education, Employment and Workplace Relations

TLIC4068A Operate heavy recovery ancillary equipment

Release: 1

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Modification History

Not applicable.

Unit Descriptor

This unit involves the skills and knowledge required to operate the range of heavy recovery ancillary equipment used in the towing and recovery process.

Licensing, legislative, regulatory and certification requirements are applicable to this unit.

Application of the Unit

This unit applies to those working in the heavy recovery industry. It does not include salvage operations.

Licensing/Regulatory Information

Refer to Unit Descriptor.

Pre-Requisites

Not applicable.

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the required performance needed to demonstrate achievement of the element. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
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| 1 Check job requirements | <p>1.1 Job is reviewed to identify equipment and operating requirements</p> <p>1.2 Ancillary equipment, materials and personnel requirements for safe, effective and efficient operation are identified and organised</p> <p>1.3 Suitable personal protective equipment (PPE) and clothing are selected, used, maintained and stored in accordance with OH&S requirements</p> |
| 2 Prepare heavy recovery ancillary equipment for use | <p>2.1 Routine pre-operational checks are carried out in accordance with organisational requirements and manufacturer specifications</p> <p>2.2 Operational systems are checked and calibrated for correct operation in accordance with organisational requirements and manufacturer specifications</p> <p>2.3 Faulty equipment is identified, safety tagged and reported promptly in accordance with organisational procedures</p> <p>2.4 OH&S hazards associated with equipment operation are identified, and risk is assessed and handled in accordance with organisational procedures</p> <p>2.5 Environmental implications associated with operations are identified, assessed and reported in accordance with organisational procedures</p> |
| 3 Operate ancillary equipment | <p>3.1 Operational area is checked and personnel in that area are informed of initiation of operation</p> <p>3.2 Equipment is started up using correct sequence and in accordance with organisational requirements and manufacturer specifications</p> <p>3.3 Equipment is operated in a safe and controlled manner in accordance with manufacturer specifications and monitored for performance and efficiency</p> <p>3.4 Input materials are monitored and non-conformances are identified and handled in accordance with organisational requirements</p> <p>3.5 Processing outputs are monitored and adjustments to equipment operation are made to meet job requirements</p> |

4 Shut down heavy recovery ancillary equipment

4.1 Shut-down procedures for equipment are completed in accordance with organisational requirements and manufacturer specifications

4.2 Routine maintenance of equipment is carried out in accordance with organisational requirements and manufacturer specifications

4.3 Equipment is stored and secured in accordance with organisational requirements

4.4 Malfunctions, faults, irregular performance and damage to equipment are detailed and reported in accordance with organisational requirements

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This describes the essential skills and knowledge and their level, required for this unit.

Required knowledge:

- Relevant road rules, regulations, permit and licence requirements of the relevant state and territory roads and traffic authority
- Relevant OH&S and environmental procedures and regulations relating to the ancillary equipment operations
- Relevant dangerous goods information pertaining to operating ancillary equipment
- Workplace driving and operational instructions
- Procedures to be followed in the event of a driving emergency and in response to a transport emergency response plan (TERP)
- Efficient driving techniques and eco-driving considerations
- Factors that may cause traffic delays and diversions
- Factors involved in trip preparation
- Workplace documentation

Required skills:

- Communicate effectively with others operating ancillary equipment
- Read and interpret instructions, procedures, information and signs relevant to operating ancillary equipment
- Interpret and follow operational instructions and prioritise work
- Complete documentation relating to operating ancillary equipment
- Work collaboratively with others when operating ancillary equipment
- Adapt appropriately to cultural differences in the workplace and customer sites, including modes of behaviour and interaction with others
- Implement contingency plans for unexpected events when operating ancillary equipment

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, the Range Statement and the Assessment section in Section B of the accreditation submission.

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 and satisfy all of the requirements of the elements and performance criteria of this unit and include demonstration of:
 - identifying three different types of ancillary recovery equipment and their users
 - demonstrating safe operation of two types of heavy recovery ancillary equipment

Context of and specific resources for assessment

- Assessment must ensure access to:
 - recovery ancillary equipment, which when used is to be current equipment used in the recovery industry
 - tools, equipment and PPE currently used in the recovery industry
 - relevant regulatory and equipment documentation that impacts on work activities

Method of assessment

- Practical assessment must occur:
 - through activities in an appropriately simulated environment consistent with current industry practice, and/or
 - in an appropriate range of situations in the workplace
- In all cases where practical assessment is used it will be combined with targeted questioning to assess required knowledge
- Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended
- Assessment processes and techniques must be appropriate to the language and literacy capacity of the candidate and the work being performed
- Performance is demonstrated consistently over a period of time and in a range of contexts expected as part of the job function

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. Add any 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.

Ancillary equipment includes:

- fire extinguisher
- hand tools
- socket sets
- shovel
- crow bar
- sledge hammer
- wood saw
- hacksaw
- hydraulic jack
- forklift
- road train dolly
- air bags and cushions
- catch equipment
- bog mat
- track mat
- pumps
- snatch block
- cribbing
- chains
- lifting slings and strops
- cutting equipment
- chain saw

Personal safety measures may include:

- manual-lifting techniques
- three points of contact when using ladders
- correct use of safety rails and walkways
- safety footwear
- high visibility clothing
- hearing protection
- PPE required for the product class being transported

Depending on the type of organisation concerned and the local terminology used, workplace procedures may include:

- company procedures
- enterprise procedures
- organisational procedures
- established procedures
- regulatory procedures

Documentation and records may include:

- dangerous goods paperwork
- emergency procedure guides or HB76 Handbook
- dangerous goods licence
- site inductions
- state and territory heavy vehicle driving licence or permit requirements
- state and territory road rules
- workplace driving instructions and procedures
- vehicle manufacturer's instructions, specifications and recommended driving procedures, including pre-operational checks of vehicle
- emergency procedures
- TERP
- vehicle work diaries or record books

Applicable procedures and codes may include:

- Australian code for the transport of dangerous goods by road or rail: the current Australian Dangerous Goods (ADG) Code
- relevant state and territory:
 - roads and traffic authority driving regulations and licence or permit requirements pertaining to operating heavy vehicles on unsealed roads
 - road rules
 - OH&S legislation
 - fatigue management regulations
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Unit Sector(s)

Not applicable.

Competency Field

C – Vehicle Operation