



Australian Government

TLIF3084 Follow mobile crane safety procedures

Release: 2

TLIF3084 Follow mobile crane safety procedures

Modification History

Release 2: This is the second release of this unit of competency in the TLI Transport and Logistics Training Package:

- Minor word change in Performance Evidence
- Minor word change in Knowledge Evidence
- Minor statement changes in Assessment Conditions.

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

Application

This unit involves the skills and knowledge required to follow and apply mobile crane safety procedures and work health and safety (WHS)/occupational health and safety (OHS) procedures when carrying out mobile crane operations.

It includes identifying and following mobile crane and workplace procedures for hazard identification and risk control, contributing to arrangements for managing WHS/OHS, and completing all relevant safety records.

Mobile crane operations are performed under some supervision, generally within a team environment.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

F – Safety Management

Unit Sector

Mobile crane.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1	Follow workplace and mobile crane safety procedures for hazard identification and risk control	1.1	Mobile crane and workplace procedures for dealing with accidents, fire and emergencies are identified and followed
		1.2	Mobile crane and workplace procedures for WHS/OHS and related work instructions for controlling risks in a workplace are accurately followed
		1.3	Mobile crane hazards and site hazards in the workplace are identified and appropriate action is taken to report them and to minimise or eliminate risk to personnel, workplace and the environment
		1.4	Safety regulations and established mobile crane and workplace safety and hazard control practices and procedures are obtained, interpreted and applied to mobile crane operations
		1.5	Procedures and precautions necessary for entry into confined spaces in the workplace are correctly followed, as required
		1.6	Personal protective equipment (PPE) is correctly used in accordance with established safety practices and procedures
		1.7	Established mobile crane and workplace emergency and contingency plans are followed in an emergency
2	Contribute to arrangements for managing mobile crane safety procedures and WHS/OHS	2.1	Mobile crane safety hazards and WHS/OHS issues are identified and raised with designated personnel in accordance with workplace procedures and relevant WHS/OHS legislation
		2.2	Contributions to WHS/OHS management in the workplace are made in accordance with workplace procedures and

			provisions of relevant legislation
		2.3	Participative arrangements for mobile crane safety procedures and WHS/OHS management in the workplace are contributed to within relevant workplace procedures, scope of responsibilities and own competence
3	Complete workplace and WHS/OHS records	3.1	Mobile crane and WHS/OHS records are completed in accordance with workplace requirements
		3.2	WHS/OHS records and legal requirements for maintaining records of occupational injury and diseases are followed

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions can be found in the TLI Transport and Logistics Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIF3084A Follow mobile crane safety procedures.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>

Assessment Requirements for TLIF3084 Follow mobile crane safety procedures

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- applying fatigue management techniques
- applying mobile crane and work health and safety WHS/occupational health and safety (OHS) recording procedures in accordance with workplace requirements
- applying precautions and required actions to minimise, control or eliminate identified hazards
- applying specific crane legislation, mobile crane safety procedures and workplace procedures
- communicating effectively and working collaboratively with others
- completing relevant documentation
- estimating the size, shape and special requirements of loads
- following procedures for identifying mobile crane safety hazards and WHS/OHS issues
- identifying containers and goods coding in compliance with dangerous goods systems and relevant regulatory requirements
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring work activities in terms of planned schedule
- reading, interpreting and following relevant instructions, procedures, information and signs
- reporting and/or rectifying identified problems, faults or malfunctions promptly in accordance with regulatory requirements and workplace procedures
- selecting and using required personal protective equipment (PPE) conforming to industry and WHS/OHS standards
- taking appropriate actions to report identified mobile crane and site hazards in the workplace
- working systematically with required attention to detail without injury to self or others, or damage to goods or equipment.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- hazards associated with mobile crane operations on a worksite
- how to handle broken or damaged equipment
- location and use of safety alarms, emergency shut-off systems and emergency communications systems
- manual and mechanically assisted lifting and load shifting procedures
- mobile crane and workplace emergency and evacuation procedures
- relevant dangerous goods systems and dangerous goods regulation requirements including:
 - storage, handling and use of hazardous substances
 - terms used in safety data sheets (SDS)
- relevant mobile crane safety workplace procedures
- relevant WHS/OHS procedures and guidelines
- reporting procedures for unsafe situations, fire hazards, broken or damaged equipment or fittings, sickness and accidents
- risks associated with mobile cranes, and related precautions to control the risk
- risks associated with multiple crane operations
- signs and signals used for warnings.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions and include restricted spaces, exposed conditions and controlled or open environments.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals, including relevant:
 - Australian Standards
 - general duty of care under WHS/OHS legislation
 - mobile crane codes of practice
 - state/territory WHS/OHS legislation and safety codes, including manual handling, noise,

- confined spaces, smoking and workplace ergonomics
- workplace relations regulations
- workers' compensation regulations
- dangerous goods regulations
- personal protective equipment (PPE) including:
 - gloves
 - safety headwear and footwear
 - safety glasses
 - two-way radios
 - high visibility clothing
- relevant materials, tools and equipment currently used in industry.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>