



Australian Government

RIIHAN309E Conduct telescopic materials handler operations

Release: 1

RIIHAN309E Conduct telescopic materials handler operations

Modification History

Release	Comment
1	This unit replaces RIIHAN309D Conduct telescopic materials handler operations. Performance criteria 7.3 removed. Knowledge evidence amended to remove earthworks from basic calculations. Mapping table added.

Application

This unit describes a participant's skills and knowledge required to conduct telescopic materials handler operations in the Resources and Infrastructure Industries.

This unit is appropriate for those working in operational roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Relevant information must be sourced prior to application of the unit.

Elements and Performance Criteria

1. Plan and prepare for telescopic materials handler operations	1.1 Access, interpret and apply telescopic materials handler documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Identify, obtain and apply signage requirements 1.6 Select plant, tools and equipment, check for serviceability/faults and rectify or report verbally or in writing
2. Conduct telescopic materials handler pre-operational checks	2.1 Perform pre-start, start-up, park-up and shutdown procedures 2.2 Check telescopic materials handler controls, brakes, attachments and other implements for manoeuvrability and serviceability and ensure faults are rectified or reported
3. Operate telescopic materials handler	3.1 Assess site and operating hazards and apply safe operating techniques 3.2 Operate telescopic materials handler

4. Attach, secure, lift, carry and place materials	4.1 Use load handling communication methods with all parties 4.2 Communicate with Dogman to establish the weight of the load 4.3 Communicate with Dogman to ensure safe working load requirements have been assessed and appropriate slings and lifting gear has been selected, attached and secured 4.4 Locate machinery and ensure stability 4.5 Shift the load 4.6 Use conventional hand and audible signals during the operation
5. Select, remove and fit attachments	5.1 Select attachment for the task 5.2 Move and fit attachment 5.3 Test and confirm correct fitting and operation 5.4 Use attachment per manufacturer's recommendations and design limits 5.5 Remove, clean and store attachment
6. Relocate the telescopic materials handler	6.1 Prepare machine and equipment for relocation 6.2 Transport machine and equipment safely between worksites, observing relevant codes and traffic management requirements
7. Carry out machine operator maintenance	7.1 Park and prepare telescopic materials handler for maintenance and shut down 7.2 Conduct inspection and fault finding 7.3 Perform scheduled operator maintenance 7.4 Process written records
8. Conduct housekeeping activities	8.1 Clean-up work area and dispose of or recycle materials 8.2 Clean, check, maintain and store plant, tools and equipment

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
RIIHAN309E Conduct telescopic materials handler operations	RIIHAN309D Conduct telescopic materials handler operations	Performance criteria 7.3 removed. Knowledge evidence amended.	Equivalent

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>

Assessment Requirements for RIIHAN309E Conduct telescopic materials handler operations

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Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies relevant documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of conducting telescopic materials handler operations including:
 - applying operational safety
 - accessing, interpreting and applying technical information
 - calculating volume and weights maintaining equipment written records
 - applying fault finding techniques
 - accessing, interpreting and applying environmental management plan
 - carrying out machine operator maintenance
- works effectively with others to undertake and complete the conducting of telescopic materials handler operations that meets all the required outcomes including:
 - complying with written and verbal reporting requirements and procedures
 - communicating clearly and concisely with others to receive and clarify work instructions
 - using load handling communication methods with all parties
 - using conventional hand and audible signals
- demonstrates completion of conducting telescopic materials handler operations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - performing pre-start, start-up, park-up and shutdown procedures
 - checking controls, brakes and attachments for manoeuvrability and serviceability and rectifying or reporting faults
 - operating the telescopic materials handler

- selecting, attaching and securing appropriate slings and lifting gear
- shifting the load
- selecting, removing and fitting attachments
- transporting the machine and equipment between work sites

Knowledge Evidence

The candidate must demonstrate knowledge of the following when conducting telescopic materials handler operations:

- telescopic materials handler types, characteristics, technical capabilities and limitations
- techniques for calculating safe working loads
- telescopic materials handler and attachment operating techniques related to essential tasks
- isolation and traffic control responsibilities and authorities
- safety data sheet and materials handling methods
- methods of changing machine attachments
- safe operating techniques in varying terrain
- basic calculations
- levelling techniques
- job safety analyses/safe work method statement

Assessment Conditions

- Assessors must satisfy the Standards for Registered Training Organisations (RTOs) 2015/AQTF mandatory competency requirements for assessors; and industry regulations for certification and licensing; and,
- this unit is best assessed in the context of this sector's work environment;
- where personal safety or environmental damage are limiting factors, assessment may occur in a simulated environment provided it is realistic and sufficiently rigorous to cover all aspects of this sector's workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other units of competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,
- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this unit of competency, and through the minimum years of current* work experience specified below in an industry sector relevant to the outcomes of the unit; or,

- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an industry subject matter expert. The industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or industry sector as follows:

Industry sector	AQF** Level	Required assessor or industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years
Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this unit is being assessed outside of the Resources and Infrastructure Sectors, assessor and/or industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and, where no industry standard is specified, should comply with any relevant regulation.	

*Assessors can demonstrate current work experience through employment within industry in a role relevant to the outcomes of the unit; or, for external assessors this can be demonstrated through exposure to industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a qualification the first numeric character in the unit code should be considered to indicate the AQF level.

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