



Australian Government

RIIHAN203E Conduct lifting operations

Release: 2

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Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0.
Release 2	This version was released with RII Resources and Infrastructure Industry Training Package Version 7.1. Performance Evidence amended to define types of hoists to be used in load moving.

Application

This unit describes the skills and knowledge required to conduct lifting operations in the resources and infrastructure industries, including developing preliminary lifting plans, directing load movements, connecting load to movement devices and confirming load stability.

It applies to those working in operational roles. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures and take some responsibility for the quality of work outcomes.

Licensing, legislative and certification requirements may apply to this unit and can vary between states, territories and industry sectors. Users must check requirements with relevant body before applying the unit.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare for lifting operations	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation to conduct lifting operations 1.3 Identify and address potential risks, hazards and environmental issues and implement control measures according to site requirements 1.4 Select and wear personal protective equipment according to site requirements 1.5 Develop preliminary lifting plan according to job and site

ELEMENT	PERFORMANCE CRITERIA
	<p>requirements</p> <p>1.6 Check and confirm job feasibility and schedule with load designer and personnel involved in lifting operations</p> <p>1.7 Finalise and confirm lifting plan according to job and site requirements</p>
2. Prepare for lifting	<p>2.1 Identify, select, inspect and assemble lifting equipment, materials and tools required for planned lift according to manufacturer specifications and site requirements</p> <p>2.2 Label unserviceable equipment, materials and tools according to site requirements</p>
3. Move loads	<p>3.1 Identify and confirm safe working loads and centre of gravity according to manufacturer specifications and site requirements</p> <p>3.2 Direct load movement, according to site requirements, using standard load moving signals</p> <p>3.3 Perform load moving according to lifting plan, manufacturer specifications and site requirements</p> <p>3.4 Connect lifting gear to load according to manufacturer specifications and site requirements</p> <p>3.5 Connect load to movement device using appropriate and certified equipment according to manufacturer specifications and site requirements</p> <p>3.6 Comply with required specifications during placement and securing of load</p>

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Numeracy	<ul style="list-style-type: none"> Calculates basic resourcing requirements, measurements, mass and dimensions
Self-management	<ul style="list-style-type: none"> Monitors and minimises own exposure to worksite risks and hazards during activities

Unit Mapping Information

Supersedes and is equivalent to RIIHAN203D Conduct lifting operations.

Links

Companion Volume Implementation Guides are available from VETNet -

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