



Australian Government

Department of Education, Employment and Workplace Relations

RIIHAN202A Handle and store cargo

Release: 1

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Modification History

Not applicable.

Unit Descriptor

This unit covers handling and storing cargo in the resources and infrastructure industries. It includes preparing equipment, handling and storing cargo, and handling and storing bulk cargo. 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.

Application of the Unit

This unit is appropriate for those working in an operational role at worksites within:

- Civil construction
- Coal mining
- Drilling
- Extractive industries
- Metalliferous mining

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 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. Prepare equipment	1.1. Access, interpret and apply compliance documentation relevant to the work activity 1.2. Obtain operational instructions and shift briefing details and organise the work to be carried out accordingly 1.3. Clarify difficulties in carrying out the instructions with relevant personnel 1.4. Confirm availability and status of necessary permits 1.5. Confirm availability of necessary auxiliary equipment 1.6. Identify errors, omissions and shortages and take appropriate remedial action within functional responsibility 1.7. Use equipment, tools and communications suitable for the job and the environment 1.8. Prepare storage area for cargo arrival
2. Handle and store cargo	2.1. Comply with safe working practices, safety and operational requirements 2.2. Handle cargo using safe handling techniques 2.3. Provide assistance with crane operations 2.4. Pack and unpack containers 2.5. Check cargo using marks, numbers, quantities/weights, to ensure correct identification 2.6. Identify and report faults and take appropriate remedial action within functional responsibility 2.7. Store equipment and cargo safely and securely in the designated location according to operational requirements
3. Handle and store bulk cargo	3.1. Carry out bulk cargo transfer 3.2. Monitor transfer of cargo 3.3. Identify and report faults accurately and take appropriate remedial action within functional responsibility
4. Assist with crane operations	4.1. Use appropriate signals to direct movement of loads

	4.2. Identify and report faults and take appropriate remedial action within functional responsibility 4.3. Relay information to crane operator in accordance with operational requirements
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Required Skills and Knowledge

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

Required skills

Specific skills are required to achieve the Performance Criteria of this unit, particularly for its application in the various circumstances in which this unit may be used. This includes the ability to carry out the following as required to handle and store cargo:

- apply legislative, organisation and site requirements and procedures for handling and storing cargo
- implement safe working limits when handling and lifting cargo
- assess, interpret and apply information including technical information

Required knowledge

Specific knowledge is required to achieve the Performance Criteria of this unit, particularly for its application in the various circumstances in which this unit may be used. This includes knowledge of the following as required to handle and store cargo:

- OHS obligations
- company and statutory guidelines, procedures and practices
- safe lifting and handling techniques
- slinging requirements
- permit to work system
- operational requirements and principles of equipment

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	
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 worksite operations and satisfy all of the requirements of the performance criteria, required skills and knowledge and the range statement of this unit and include evidence of the following: • knowledge of the requirements, procedures and instructions to handle and secure cargo • implementation of requirements, procedures and techniques for the safe, effective and efficient completion of handling and securing cargo • working with others to undertake and complete handling and securing cargo that meets all of the required outcomes • consistent timely completion of handling and securing cargo that safely, effectively and efficiently meets the required outcomes
Context of and specific resources for assessment	• This unit must be assessed in the context of the 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 workplace performance, including task skills, task management skills, contingency management skills and job role environment skills. • Assessment of this competency requires typical resources normally used in a resources and infrastructure sector environment. Selection and use of resources for particular worksites may differ due to the site circumstances. • The assessment environment should not disadvantage the participant. For example, language, literacy and numeracy demands of assessment should not be greater than those required on the job. • Customisation of assessment and delivery

	environment should sensitively accommodate cultural diversity. • Aboriginal people and other people from a non English speaking background may have second language issues. • Where applicable, physical resources should include equipment modified for people with disabilities. Access must be provided to appropriate learning and/or assessment support when required.
Method of assessment	This unit may be assessed in a holistic way with other units of competency. The assessment strategy for this unit must verify required knowledge and skill and practical application using more than one of the following assessment methods: • written and/or oral assessment of the candidate's required knowledge • observed, documented and/or first hand testimonial evidence of the candidate's: • implementation of appropriate requirements, procedures and techniques for the safe, effective and efficient achievement of required outcomes • consistent achievement of required outcomes • first hand testimonial evidence of the candidate's: • working with others to undertake and complete the handling and securing of cargo
Guidance information for assessment	Consult the SkillsDMC User Guide for further information on assessment including access and equity issues.

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.

Compliance documentation may include:	• legislative, organisation and site requirements and procedures, including: • (PSLA) Petroleum Submerged Lands Act • duty of care • petroleum regulations • company requirements • client requirements • permits • manufacturer's guidelines and specifications • Australian standards • Employment and Workplace Relations legislation • Equal Employment Opportunity and Disability Discrimination legislation
Shift briefings may include:	• safety briefing/induction • pre-tour safety meeting • weekly safety meetings • Job Safety Analysis (JSA)
Difficulties may include:	• unclear instructions • imprecise details • lack of information
Equipment may include:	• hoses • pumps • transfer equipment • slings • shackles • specialist handling equipment
Remedial action taken to deal with errors, omissions and shortages may include to:	• report • record • rectify • repair • adjust • replace

Communications may include:	• 2-way radio • hand signals • telephone • public address system • written work instructions
Cargo may include:	• fluids • powder • containers • restrained palletised • loose palletised • tubulars

Unit Sector(s)

Load Handling

Competency field

Refer to Unit Sector(s).

Co-requisite units

Not applicable.