



Australian Government

RIIHAN204D Load and unload cargo/goods

Release: 3

RIIHAN204D Load and unload cargo/goods

Modification History

Release	Comment
1	This unit replaces RIIHAN204A Load and unload cargo/goods.
2	Amend reference to Licensing requirements in Unit Application Editorial corrections.
3	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Application

This unit describes a participant's skills and knowledge required to load and unload cargo/goods 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 loading and unloading cargo/goods	1.1 Access, interpret and apply load handling compliance 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 Communicate and coordinate activities with others throughout the work activity 1.5 Select and wear personal protective equipment appropriate for work activities 1.6 Select appropriate type of auxiliary equipment for work activities
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	1.7 Perform equipment pre-start checks to ensure equipment is ready for operation 1.8 Identify emergency procedures to ensure safety of personnel and plant
2. Load cargo/goods	2.1 Identify load characteristics and use appropriate loading techniques to safely and efficiently move load 2.2 Identify hazardous and dangerous goods and adhere to relevant legislation and permit requirements 2.3 Assess and ensure that load characteristics and transport capacity meet approved parameters 2.4 Erect physical barricades and signage to prevent unauthorised entry to the area 2.5 Load cargo/goods in accordance with relevant mass and loading regulations and site procedures
3. Secure cargo/goods	3.1 Check the distribution of the load to ensure it is even, legal and within safe working capacity 3.2 Secure load at approved anchorage points 3.3 Adjust load restraint devices to ensure load is secure during transport 3.4 Protect load from weather conditions using approved coverage devices
4. Protect cargo/goods	4.1 Inspect the load for security to travel 4.2 Complete all required written documentation
5. Conduct housekeeping activities	5.1 Clean and maintain condition of equipment, and check for safe and efficient operations 5.2 Clean and store auxiliary service equipment 5.3 Control and report hazards to maintain a safe working environment
6. Unload cargo/goods	6.1 Assess location, stowage and remaining load before commencement 6.2 Unload in a safe and effective way making use of lifting aids and applications 6.3 Identify any goods requiring special handling 6.4 Relocate material in a manner that considers the height, weight loading, size and crushability of the cargo/goods

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

RIIHAN204A Load and unload cargo/goods

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 RIIHAN204D Load and unload cargo/goods

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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 legislation, documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient loading and unloading cargo/goods including:
 - planning and preparing for loading activities
 - loading goods/cargo, securing goods/cargo
 - protecting goods/cargo
 - conducting housekeeping activities
 - unloading goods/cargo
- works effectively with others to undertake and complete the loading and unloading cargo/goods that meet all of the required outcomes including:
 - communicating and coordinating activities with others throughout the work activity
- demonstrates completion of loading and unloading cargo/goods that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - locating emergency information panels and identifying appropriate action to be taken in the event of an emergency
 - performing equipment pre-start checks to ensure equipment is ready for operation

- securing work area with barricades and signage
- identifying load characteristics including whether hazardous and dangerous goods and how they should be managed
- securing at anchor points and adjusting loads for movement
- using appropriate loading techniques to safely and efficiently move load
- completing written documentation for travel of cargo/goods
- identifying containers and goods coding, ADG and IMDG markings
- cleaning, maintaining and storing auxiliary service equipment, document and report issues/defects
- using appropriate unloading techniques

Knowledge Evidence

The candidate must demonstrate knowledge of the following when loading and unloading cargo/goods:

- relevant Australian standards and regulations including state/territory mass and loading regulations
- Australian and international regulations and code of practice for the handling and transport of dangerous goods and hazardous substances
- breakdown procedures
- bund construction and maintenance procedures
- contaminant identification and control
- approved dust suppression and extraction methods
- drainage principles
- hauling procedures
- emergency procedures
- environmental procedures
- equipment processes, technical capability and limitations
- equipment safety requirements
- hazardous goods procedures and consequences of spills
- identifying repair requirements
- isolation procedures
- site operational system
- night and day working procedures
- relevant WHS procedures
- operational procedures and checks
- road rules
- signage erection procedures
- site procedures
- site safety requirements
- wet and dry working procedures

Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; 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.
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*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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