



**Australian Government**

# **Assessment Requirements for RIIHAN207D Operate personnel and materials hoists**

**Release: 3**

## Assessment Requirements for RIIHAN207D Operate personnel and materials hoists

### Modification History

| Release | Comment                                                                                                                                                                                                                                                                                                             |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | This unit replaces RIIHAN207A Operate personnel and materials hoists.                                                                                                                                                                                                                                               |
| 2       | Amend reference to Licensing requirements in Unit Application Editorial corrections.                                                                                                                                                                                                                                |
| 3       | Required frequency and volume of evidence amended in Performance evidence.<br><br>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. |

### 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 applicable documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient operation of personnel and material hoists including:
  - keeping plant and equipment records
  - complying with environmental requirements
  - working at heights
  - applying isolation procedures
  - reading and appreciating ground conditions
  - conducting work area risk assessment techniques
- works effectively with others to undertake and complete the operation of personnel and material hoists that meet all of the required outcomes including:
  - using a range of communication systems and techniques to effectively coordinate and communicate information to others
  - considering working clearances and potential crushing risks to workers
  - reporting location and state/condition of personnel cage/platform

- demonstrates completion of operating personnel and material hoists that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
  - conducting test run through full height of travel without a load, check mast and wall bolting
  - checking all safety systems including braking system
  - checking personnel's lanyards/harnesses and anchors
  - lifting personnel cage/platform
  - testing all equipment in a range positions
  - operating controls smoothly and carefully
  - travel personnel cage/platform as low as possible and operating in low gear and low speed
  - ensuring maximum stability at all times

## Knowledge Evidence

The candidate must demonstrate knowledge of the following when operating personnel and materials hoists:

- communication procedures and hand signals
- workplace and equipment safety requirements
- plant, tools and equipment types, characteristics, uses and limitations
- hoist operation techniques
- personnel and material hoist equipment
- processes for the calculation of load mass requirements
- materials safety data sheet
- materials handling, storage and environmentally friendly waste management
- designs and functions of hoisting equipment
- signaling methods and communications
- fault finding and identification
- working at heights procedures
- emergency procedures (hoist specific)
- • JSA's/safe work method statements

## 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. |                                                                |

\*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

## **Links**

Companion Volume implementation guides are found in VETNet -

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