



**Australian Government**

# **Assessment Requirements for RIIHAN210D Perform intermediate rigging operations**

**Release: 3**

## Assessment Requirements for RIIHAN210D Perform intermediate rigging operations

### Modification History

Release	Comment
1	This unit replaces RIIHAN210A Perform intermediate rigging operations.
2	Amend Knowledge Evidence to include requirement to have Dogger experience/training and Basic rigging experience/training; Amend reference to Licensing requirements in Unit Application
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.

## 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 performance of intermediate rigging operations including:
  - conducting risk assessment and implementing controls
  - correctly applying and using all rigging and associated equipment
  - maintaining written rigging records
- works effectively with others to undertake and complete the performance of intermediate rigging operations that meet all of the required outcomes including:
  - checks and verifies work activity with client, load designer and others
  - communicating hazards and determining elimination or control of hazards
  - using a range of communication techniques and systems to convey instruction or information to others
  - provides end of work handover to relevant personnel
- demonstrates completion of performing intermediate rigging operations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
  - writing a preliminary rigging plan which must include the following points in detail:
    - confirmed details of rigging requirement
    - confirmed dimensions
    - site access and egress
    - suitability and availability of materials
    - tools and equipment
    - identification of potential hazards
    - control measures
    - identification of site coordination requirements
    - unless otherwise specified, rigging is to conform with the requirements of any relevant National Certification and/or Standards
  - performing mathematical calculations for estimation and measurement of loads
  - identifying, selecting, inspecting, assembling and confirming as serviceable all of the following:
    - rigging equipment
    - materials
    - tools
  - installing fall arrest equipment with ground level installation
  - using rope to attach tag lines using knots, bend and hitches
  - using ropes for splices and whipping techniques
  - safely moving and correctly relocating the load
  - performing work safely at heights
  - dismantle and remove/restore load shifting equipment

- clear the work area, check equipment and complete all documentation and reporting requirements

## **Knowledge Evidence**

The candidate must demonstrate knowledge of the following when performing intermediate rigging operations:

- complying with National Standard for High Risk Worksite and equipment safety requirements
- equipment characteristics, technical capabilities and limitations
- operational and maintenance procedures
- hand and whistle signals
- crane operations and limitations
- safe work method statements
- safety data sheets
- practices and regulation for dogging and basic rigging

## 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

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>