



Australian Government

Assessment Requirements for RIIHAN307D Operate a vehicle loading crane

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIIHAN307A Operate a vehicle loading crane.
2	<p>Performance Criteria 1.5 has been removed from element 1 and combined with Performance Criteria 2.2. All numbering of Performance Criteria 1.5 and above has changed as a result.</p> <p>Performance Criteria 1.8, 1.9, 2.1, 2.2 and 2.4 have been amended.</p> <p>Amended Knowledge Evidence to reflect Performance Criteria changes.</p>

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 completion of vehicle loading crane operation including:
 - planning and preparing for vehicle loading crane operations
 - performing daily and shift vehicle inspections and fault finding checks
 - identifying and establishing no-go zones in the vicinity of vehicle loading cranes
 - selecting and using relevant tools and equipment
- works effectively with others to undertake and complete the operation of a vehicle loading crane that meets all of the required outcomes including:
 - using a range of communication techniques and equipment to convey information to others
 - complying with written and verbal reporting requirements and procedures
- demonstrates consistent and timely completion of vehicle loading crane operations that safely, effectively and efficiently meet all of the required outcomes on a minimum of three (3) separate occasions including:
 - performing pre-start, start-up, park-up, shutdown and vehicle positioning procedures
 - lifting and positioning loads or personnel using crane controls and function
 - directing crane operations using load moving signals
 - monitoring load and crane hook movements and locations
 - disposing of environmentally sensitive fluids and materials
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Knowledge Evidence

The candidate must demonstrate knowledge of the following when operating a vehicle loading crane:

- no-go areas in the vicinity of vehicle loading cranes
- never work under crane booms
- crane hook location and movement
- Relevant standards related to loading cranes and lifting
- site and equipment safety requirements
- vehicle equipment characteristics, technical capabilities and limitations associated with loading cranes
- vehicle loading crane and other relevant operational procedures
- vehicle loading crane and other relevant maintenance systems and procedures
- basic geological and survey data knowledge relating to loading cranes
- basic rigging and slinging requirements
- hand and whistle signals related to loading crane operations
- site environmental requirements and constraints
- Hazchem relevant to loading cranes

- crane preparation and operational techniques
- processes for the calculation of load mass requirements
- safety data sheet
- plans, drawings and specifications
- safe handling and storage procedures
- relevant acts, regulations and code of practice
- JSAs/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 using Resources and Infrastructure Industry sector specific policies, procedures, processes and operational manuals; and,
- assessor requirements differ between sectors as follows:
 - when assessing this unit in the context of the **Drilling** sector:
 - an assessor must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through five (5) years of work in the Industry sector; or,
 - where a co-assessment or partnership arrangement exists between a qualified assessor and an Industry technical expert, the Industry technical expert can hold the unit being assessed, and/or demonstrate equivalency of skills and knowledge at the unit level. An Industry technical expert must also demonstrate a minimum of three (3) years of continuous work in the Industry sector, with the preceding one (1) year in the unit they are co-assessing; or,
 - when assessing this unit in the context of the **Metalliferous Mining** sector:
 - an assessor must demonstrate the skills and knowledge of this unit through five (5) years of current and continuous work with the Industry sector and must hold the TAE Assessor Skill Set or equivalent; or,
 - when assessing this unit in the context of the **Coal Mining** sector:
 - an assessor must demonstrate the skills and knowledge of this unit through twelve (12) month work experience in an Industry relevant to the skills being assessed within the last three (3) years; and,
 - where the assessor does not have current experience a co-assessment or partnership arrangement needs to exist between the qualified assessor and an Industry technical expert/ subject matter expert. The Industry technical expert/subject matter expert must demonstrate competency in the unit being assessed, and be currently working in the sector with a minimum of twelve (12) months' work experience within the last three (3) years; or,
 - when assessing this unit in the context of the **Extractive** sector
 - an assessor must demonstrate the skills and knowledge of this unit through five (5) years' work experience in the Industry sector; and,
 - where the assessor does not have current experience a co-assessment or partnership arrangement needs to exist between the qualified assessor and an Industry technical expert/ subject matter expert. The Industry technical expert/subject matter expert must hold the unit being assessed and be currently working in the sector with a minimum of two (2) years' of current work experience; or,
 - when assessing this unit in the context of the **Civil Construction** sector

- an assessor must demonstrate the skills and knowledge of this unit through five (5) years' work experience in the Industry sector; and,
- where the assessor does not have current experience a co-assessment or partnership arrangement needs to exist between the qualified assessor and an Industry technical expert/ subject matter expert. The Industry technical expert/subject matter expert must hold the unit being assessed and be currently working in the sector with a minimum of two (2) years' of current work experience.

Links

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