



Australian Government

RIIHAN213D Work effectively in the drilling Industry

Release: 3

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Modification History

Release	Comment
1	This unit replaces RIIHAN213A Work effectively in the drilling Industry
2	Editorial corrections; 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.

Application

This unit describes a participant's skills and knowledge required to work effectively in Drilling.

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.

Unit Sector

Drilling

Elements and Performance Criteria

1. Plan and prepare for working in the drilling Industry	1.1 Access, interpret and apply relevant drilling 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 Select and wear personal protective equipment appropriate for work activities 1.5 Communicate and coordinate activities with others throughout
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	the work activity
2. Perform safe manual handling	2.1 Assess load to be moved 2.2 Assess and plan stability of the lift, transport route and lay down position 2.3 Use manual handling techniques and aids safely and effectively and seek assistance where required
3. Routinely practice good housekeeping	3.1 Keep all housekeeping areas clean, neat and tidy 3.2 Keep all tools and equipment clean and stored in the correct place 3.3 Identify and report potential hazards from poor housekeeping 3.4 Implement routine of good housekeeping practices 3.5 Report equipment problems verbally or in writing
4. Complete pre-start checks	4.1 Walk around plant/equipment/vehicle checking all items are serviceable and in good condition 4.2 Check and top up fluids as required 4.3 Check all guards and safety devices are in place and serviceable 4.4 Ensure all personnel are clear or in a safe position before starting 4.5 Complete required written records and reporting
5. Refuel vehicles and plant	5.1 Enforce no-smoking zone while refuelling 5.2 Select correct fuel 5.3 Refuel engine 5.4 Clean up any spills 5.5 Leave fuel storage area clean and tidy 5.6 Note remaining fuel supply 5.7 Complete written records/reporting
6. Drive vehicle	6.1 Check vehicle roadworthiness, load distribution and security

	before starting
	6.2 Identify potential vehicle hazards from road trip/load and implement hazard minimisation procedures
	6.3 Plan trip to maximise safety and minimise cost
	6.4 Drive vehicle in compliance with local conditions and road/site rules
	6.5 Correctly park and secure vehicle
	6.6 Correctly change wheel as required

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

RIIHAN213A Work effectively in the Drilling Industry

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 RIIHAN213D Work effectively in the drilling Industry

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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 documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of working effectively in the Drilling Industry including:
 - planning and preparing for manual handling
 - identifying hazards
 - reporting equipment problems
- works effectively with others to undertake and complete working effectively in the Drilling Industry that meet all of the required outcomes including:
 - using a range of communication techniques and equipment to convey information to others
 - communicating hazards and determining elimination or control of hazards
 - organising work activities to meet task requirements
- demonstrates completion of working effectively in the drilling industry that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - performing manual handling

- completing pre-start checks
- refuelling vehicles and plant
- driving, parking and securing vehicle
- changing a wheel

Knowledge Evidence

The candidate must demonstrate knowledge of the following when working effectively in the drilling Industry:

- accessing, interpreting and applying organisation and site requirements and procedures for:
 - housekeeping tasks
 - pre-start checks
 - hazard identification when driving and refuelling
 - work health and safety
- jacking and wheel changing techniques
- manual handling techniques

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 must be assessed in the context of this sector's work environment; 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

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