



Australian Government

RIINHB202D Set up/pack up drill site

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIINHB202A Set up/pack up drill site
2	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 set up/pack up drill site in the Resources and Infrastructure Industries.

This unit is appropriate for those working in drillers assistant and driller roles.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Elements and Performance Criteria

1. Plan and prepare for setting up and packing up of drill sites	1.1	Access, interpret and apply set up/pack up drill site documentation and ensure the work activity complies
	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 the work activity
	1.6	Test the working order of required safety equipment
	1.7	Erect and observe warning signs and barriers
	1.8	Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
	1.9	Store materials to minimise hazards and contamination
2. Assist driller to set	2.1	Carry out the instructions on work scheduling in logical

up drill rig	sequence 2.2 Assist unloading rig and equipment and ensure no damage 2.3 Set out required tools and/or equipment 2.4 Take appropriate weather precautions for equipment and stores
3. Set up and dismantle ancillary equipment	3.1 Set up and dismantle ancillary equipment 3.2 Provide connecting services to and from equipment 3.3 Carry out pre-start checks and shutdown procedures
4. Pack up drill site	4.1 Complete site housekeeping 4.2 Load and secure equipment as directed 4.3 Remove waste and unwanted materials from site 4.4 Clean, maintain and store tools and equipment

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

RIINHB202A Set up/pack up drill site

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 RIINHB202D Set up/pack up drill site

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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 the setting up and packing up of drill sites including:
 - identifying, managing and reporting all potential hazards
 - testing working order of equipment
 - apply manual and mechanical handling techniques
 - communicating using hand signals for vehicle positioning and mast raising
 - decontaminating rig and equipment
 - maintaining equipment
 - cleaning, digging and protecting mud pits and drains
- works effectively with others to undertake and complete the setting up and packing up of drill sites that meets all of the required outcomes including:
 - complying with written and verbal reporting requirements and procedures
 - communicating clearly and concisely with others to receive and clarify work instructions
 - communicating clearly and concisely with others to resolve coordination requirements throughout work activities
- demonstrates completion of setting up and packing up drill site that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - erecting and observing warning signs and barriers

- setting up and dismantling at least three (3) ancillary equipment from the following:
 - compressor
 - pumps
 - grout pump
 - mixing tanks
 - sample collection hopper/skip
 - support vehicle
 - water tank, temporary reservoirs, and pipelines
 - HF radio aerial, microwave dish
 - cyclones
 - sample storage
 - down hole test or installation equipment (packers, survey, water pressure test equipment, sampling devices)
 - core boxes
 - drill string components tools
- connecting services to and from equipment

Knowledge Evidence

The candidate must demonstrate knowledge of setting up/packing up drill site through:

- applying the organisation and site requirements and procedures for:
 - work health and safety
 - environmental issues
 - reducing contamination and pollution
 - containing, dispersing and disposing of waste fluids
 - equipment operational and maintenance
 - extreme weather precautions
- identifying importance of drill pad stability and rig alignment
- applying safe storage requirements and procedures for hazardous substances
- identifying equipment characteristics, technical capabilities and limitations
- applying basic geological and technical data

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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