



Australian Government

RIINHB301D Set up and prepare for drilling operations

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIINHB301A Set up and prepare for drilling operations
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 and prepare for drilling operations in Drilling.

This unit is appropriate for those working in operational roles.

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

Unit Sector

Drilling

Elements and Performance Criteria

1. Plan and prepare for drilling operations	<p>1.1 Access, interpret and apply drilling operations documentation, and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3 Identify and address potential risks, hazards and environmental issues and implement control measures</p> <p>1.4 Select and wear appropriate personal protective equipment appropriate for work activities</p> <p>1.5 Communicate and coordinate activities with others throughout the work activity</p> <p>1.6 Identify and determine location and nature of any installed services near or crossing the proposed drill plan</p> <p>1.7 Identify and obtain all necessary permits and consents</p>
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	<p>1.8 Develop contingency plans for changes in geological conditions</p> <p>1.9 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
2. Prepare to drill	<p>2.1 Check all required personnel, equipment and supplies are available</p> <p>2.2 Check equipment is in good operational condition, and address identified issues</p> <p>2.3 Erect or place safety barriers where needed</p> <p>2.4 Check all modes of communication</p> <p>2.5 Select suitable lay down areas for separate storage of chemicals and fuels or other incompatible items</p> <p>2.6 Select locations for ancillary equipment to provide maximum efficiency and minimal risk to personnel</p>
3. Set up drill and equipment	<p>3.1 Carry out pre-start and start up procedures</p> <p>3.2 Ensure a solid foundation for the rig</p> <p>3.3 Interpret plans and position equipment accurately</p> <p>3.4 Stabilise drill</p> <p>3.5 Align and secure mast at correct angle</p> <p>3.6 Position ancillary equipment accurately</p>
4. Diagnose problems	<p>4.1 Recognise symptoms of problem</p> <p>4.2 Identify and isolate causes and determine solution</p> <p>4.3 Implement solution if within scope of authority and competence</p> <p>4.4 Seek help if problem is too complex</p> <p>4.5 Implement solution as directed</p>

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

RIINHB301A Set up and prepare for drilling operations

Links

Companion Volume implementation guides are found in VETNet -

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