



Australian Government

RIBHD304D Set up and prepare for open-cut drilling operations

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIIBHD304B Set-up and prepare for open cut 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 open-cut drilling operations in the Coal and Metalliferous mining and Extractive.

This unit is appropriate for those working in operational roles of open-cut drilling.

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

Unit Sector

Coal mining

Extractive

Metalliferous mining

Elements and Performance Criteria

1 Prepare drilling site	<p>1.1 Access, interpret and apply open cut drilling documentation and ensure the work activity is compliant</p> <p>1.2 Receive, interpret and clarify shift changeover details</p> <p>1.3 Identify, manage and report potential hazards and risks according to work plan</p> <p>1.4 Select and wears personal protective equipment</p> <p>1.5 Conduct equipment pre-start checks to ensure equipment is ready for operation</p> <p>1.6 Assess site conditions and historical information of past performance to determine and clarify drilling requirements</p>
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	<p>1.7 Locate and connect ancillary services</p> <p>1.8 Stabilise drill to minimise delays and breakdowns and ensure safety of operating personnel and continuous drilling</p> <p>1.9 Communicate with other personnel using approved communication methods</p> <p>1.10 Adhere to emergency procedures to ensure safety of personnel, plant and equipment</p>
2 Mark out drill pattern	<p>2.1 Erect physical barricades and signage to protect pattern from unauthorised personnel and equipment</p> <p>2.2 Adjust drill pattern within authorised tolerances and drill pattern</p> <p>2.3 Obtain authorisation for changes to drill pattern plan from relevant authority</p> <p>2.4 Place indicators on drill pattern in preparation for hole drilling</p> <p>2.5 Mark out drill pattern ensuring it is visible and aids the drilling process</p> <p>2.6 Protect pre-existing drill holes according to characteristics of hole</p> <p>2.7 Complete all written documentation clearly, concisely and on time</p>
3 Move equipment and materials to pattern	<p>3.1 Prepare rig for moving</p> <p>3.2 Determine route and destination prior to movement of equipment and materials</p> <p>3.3 Identify and manage potential hazards to ensure safe transportation to drill site</p> <p>3.4 Move equipment and attachments safely and avoid damage to equipment and site or injury to personnel</p> <p>3.5 Align drill rig in appropriate position to access drill pattern efficiently</p> <p>3.6 Connect ancillary services</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

RIIBHD304B Set up and prepare for open cut-drilling operations

Links

Companion Volume implementation guides are found in VETNet -

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