



Australian Government

RIOGD404D Coordinate air drilling operations

Release: 3

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Modification History

Release	Comment
1	This unit replaces RIIOGD404A Coordinate air drilling operations. Performance Criteria amended to include Housekeeping element and improve Plan and Prepare element.
2	Editorial corrections.
3	Performance Criteria numbering corrected. 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 apply coordinate air drilling operations in Drilling.

This unit is appropriate for those working in supervisory 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 coordination of air drilling operations	<p>1.1 Access, interpret and apply coordinate air 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, address and report potential hazards, risks and environmental issues and implement control measures</p> <p>1.4 Select and wear personal protective equipment appropriate to the work activities</p>
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	<p>1.5 Resolve coordination requirements with others at the site prior to commencing, during, and on completion of work activities</p> <p>1.6 Apply air drilling and conventional mud drilling techniques</p> <p>1.7 Apply work health and safety and emergency procedures</p>
2. Examine correct air drilling procedures	<p>2.1 Obtain, interpret, confirm and apply pre-tour and pre-drilling checklists</p> <p>2.2 Identify components that make up an air drilling package and explain their use to crew members</p> <p>2.3 Identify and apply parameters to watch during work activity</p> <p>2.4 Identify and secure crew numbers and expertise</p> <p>2.5 Identify and confirm conditions required to initialise the drilling of new holes</p> <p>2.6 Identify, explain and carry out test procedures with crew</p> <p>2.7 Identify and explain tripping procedures to crew and apply</p> <p>2.8 Determine and implement correct communications and record keeping procedures</p>
3. Conduct housekeeping activities	<p>3.1 Clean, check, maintain and store plant, tools and equipment</p> <p>3.2 Report issues identified with plant, tools and equipment</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

No equivalent Unit

Links

Companion Volume implementation guides are found in VETNet -

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