



Australian Government

RIOGD404E Coordinate air drilling operations

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to coordinate air drilling operations in drilling.

This unit applies to those working in supervisory roles. They generally perform tasks involving a broad range of varied activities most of which are complex and non-routine and are responsible for the quantity and quality of the output of others.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Users must check requirements with relevant body before applying the unit.

Unit Sector

Drilling

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare for coordination of air drilling operations	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation required to coordinate air drilling operations and confirm work activity is compliant 1.3 Identify and minimise environmental issues and potential hazards, and assess and address risks within scope of own role and according to workplace procedures 1.4 Select and wear personal protective equipment required for work activities 1.5 Communicate with other personnel at site according to work requirements and confirm briefings and handover details are

ELEMENT	PERFORMANCE CRITERIA
	<p>communicated and received</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 required communication and record keeping procedures</p>
3. Conduct housekeeping activities	<p>3.1 Clean, check, perform maintenance on and store plant, tools and equipment</p> <p>3.2 Report issues identified with plant, tools and equipment</p>

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Reading	<ul style="list-style-type: none"> Identifies and interprets complex information from workplace procedures, documentation and regulations

Unit Mapping Information

Supersedes and is equivalent to RIIIOGD404D Coordinate air drilling operations.

Links

Companion Volume implementation guides is found on VETNet -

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