



Australian Government

RPIOGD504D Manage drilling operations

Release: 3

RIIOGD504D Manage drilling operations

Modification History

Release	Comment
1	This unit replaces RIIOGD504A Manage drilling operations
2	Performance Criteria amended to make requirements more explicit.
3	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 manage drilling operations in Drilling .

This unit is appropriate for those working in management 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 managing drilling operations	1.1 Access, interpret and apply documentation for managing drilling operations and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address potential hazards, risks and environmental issues and implement control measures 1.4 Select and wear personal protective equipment appropriate to the work activities 1.5 Resolve coordination requirements with others at the site prior to commencing, during and on completion of work activities
2. Implement drill	2.1 Obtain and check copies of contract and well program, design

management strategies	<p>implementation strategies and communicate to relevant personnel</p> <p>2.2 Prepare daily drilling written reports and tour sheets</p> <p>2.3 Undertake inspections of operating site and camp, record and report</p> <p>2.4 Establish communication strategies and confirm with operator's representative</p> <p>2.5 Review, interpret and confirm company requirements</p> <p>2.6 Implement and communicate reporting procedures</p> <p>2.7 Establish and communicate rig maintenance arrangements</p>
3. Manage work health and safety obligations	<p>3.1 Implement and conduct crew meetings, record minutes and communicate to relevant personnel</p> <p>3.2 Establish, implement, monitor, record and report safety inspection strategies</p> <p>3.3 Induct new employees into site operations and establish monitoring strategies</p> <p>3.4 Establish, implement, monitor and document permit-to-work procedures</p> <p>3.5 Identify and implement emergency response arrangements</p> <p>3.6 Identify, implement, monitor and document environmental and company requirements</p> <p>3.7 Identify, rectify and report variances to relevant personnel</p>
4. Oversee drilling operations	<p>4.1 Obtain, confirm and clarify drill program</p> <p>4.2 Select and access drilling plant, tools and equipment, ensure fit-for-service and report/repair any faults</p> <p>4.3 Establish and monitor reporting mechanisms</p> <p>4.4 Implement, maintain and monitor well control and blowout prevention strategies and report</p> <p>4.5 Identify and investigate non-conformances, report and implement corrective strategies</p> <p>4.6 Carry out and monitor appropriate tests and report</p>
5. Oversee housekeeping activities	<p>5.1 Clean, check, maintain and store plant, tools and equipment</p> <p>5.2 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>