



Australian Government

RIOGD503D Overseas drilling operations

Release: 3

R1IOGD503D Oversee drilling operations

Modification History

Release	Comment
1	This unit replaces R1IOGD503A Oversee 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 oversee drilling operations in Drilling.

This unit is appropriate for those working in supervisory 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 to oversee drilling operations	<p>1.1 Access, interpret and apply overseeing drilling 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 hazards, risks and environmental issues and implement control measures</p> <p>1.4 Select and wear personal protective equipment appropriate for the work activity</p> <p>1.5 Obtain and interpret emergency procedures, and be prepared for an emergency</p> <p>1.6 Resolve coordination requirements with others at the site prior to commencing, during and on completion of work activities</p>
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2. Organise drilling of surface hole	<p>2.1 Obtain copies of contract and well program, check and implement strategies designed and communicate to relevant personnel</p> <p>2.2 Select, obtain and confirm plant, tools, equipment and personnel are on hand for surface hole operations</p> <p>2.3 Prepare and check integrity of equipment, inspect casing and joints for damage</p> <p>2.4 Maintain written records and liaise with service companies to rectify faults</p>
3. Supervise and participate in nipping up and pressure testing	<p>3.1 Organise equipment and nipping-up requirements for drilling out</p> <p>3.2 Identify and carry out pressure testing of all blow out prevention (BOP) equipment</p> <p>3.3 Carry out rig up to drill out</p> <p>3.4 Monitor drill out safety processes and test gauge leak off</p>
4. Organise rig up and rig up to spud	<p>4.1 Assign crews to specific jobs and implement performance measures to monitor operations</p> <p>4.2 Implement monitoring strategies and checks in place to ensure integrity of operations</p> <p>4.3 Confirm verbal and written work instructions with operator's representative for drilling hole</p> <p>4.4 Conduct crew meetings on total rig safety</p> <p>4.5 Report damage to plant, tools and equipment, repair or recommend corrective actions</p> <p>4.6 Ensure mud is mixed as per drilling program</p> <p>4.7 Carry out pre-spud safety inspections with circulation and spud-in established</p> <p>4.8 Undertake surveys and report variations to operator's representative</p> <p>4.9 Maintain written records</p> <p>4.10 Supervise running in and cementing of casing with operators representative</p>
5. Complete and abandon well	<p>5.1 Supervise completion and well abandonment with operator's representative</p> <p>5.2 Make preparations to release rig and coordinate shutdown preparation list</p> <p>5.3 Abandon well</p>

6. Conduct housekeeping activities	6.1 Clean, check, maintain and store plant, tools and equipment 6.2 Report issues identified with plant, tools and equipment
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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>