Australian Government

RIIOGD507D Manage and monitor rig-up and rig-up to spud operations

Release: 3

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Modification History

Release	Comment
1	This unit replaces RIIOGD507A Manage and monitor rig-up and rig-up to spud 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 and monitor rig-up and rig-up to spud operations in

Drilling.

This unit is appropriate for those working in supervisory roles.

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

Unit Sector

Drilling

Elements and Performance Criteria

1. Plan and prepare to manage and monitor rig-up and rig-up to spud operations	1.1 Access, interpret and apply documentation for managing and monitoring rig-up and rig-up to spud 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. Commence operations	2.1 Assess rig up and rig up to spud program
	2.2 Identify number and expertise of personnel required and obtained
	2.3 Assign crews tasks and supervise performance
	2.4 Assess safety requirements Undertake equipment checks and rectify/report faults
	2.5 Establish rig/lease drainage and effluent disposal
	2.6 Supervise spotting and rig assembly and rectify performance issues
	2.7 Arrange and supervise engine power start-up
3. Prepare to spud	3.1 Supervise installation of rathole, mousehole and conductor pipe, if required
	3.2 Reinforce mud preparation and environmental requirements with crew members
	3.3 Confirm circulation and rig up are with crew
	3.4 Undertake pre-spud safety inspection and confirm with crew to ensure compliance with regulatory/company requirements
4. Conduct pipe installation/mix mud	4.1 Complete tour sheet incorporating depth of auguring, monitor drilling/auguring processes and identify/report problems
	4.2 Assess availability of correct casing and casing tools and rectify for anomalies
	4.3 Establish flowline and conductor pipe requirements and put in place
	4.4 Check and approve integrity of cement for application, to guard against washout
	4.5 Supervise nippling up flowline and operations
	4.6 Establish and monitor circulation and spud in
	4.7 Check mud mixing procedures and properties
	4.8 Record operating outcomes and report
5. Oversee housekeeping activities	5.1 Clean, check, maintain and store plant, tools and equipment
	5.2 Report issues identified with plant, tools and equipment

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

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