



Australian Government

RIOGD501F Manage rig operations

Release: 1

R110GD501F Manage rig operations

Modification History

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

Application

This unit develops the skills and knowledge required to manage rig operations in drilling and well servicing. It prepares individuals to establish lease and communicate and report outcomes.

It applies to those working in supervisory roles. They generally perform tasks involving a high level of autonomy which require the application of significant judgement in planning and determining the selection of equipment, roles and techniques for themselves and others. They are required to demonstrate the application of a broad range of technical, managerial, coordination and planning skills.

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

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 managing rig operations	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply rig operations documentation 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 to the work activities 1.5 Confirm personnel coordination requirements at the site are met

ELEMENT	PERFORMANCE CRITERIA
	<p>prior to commencement of work activities</p> <p>1.6 Obtain copy of well program for next well prior to moving on to lease</p> <p>1.7 Read and interpret well program and check all necessary contractor-supplied equipment availability and rectify anomalies</p> <p>1.8 Check for casing discrepancies and obvious mistakes and take corrective action</p> <p>1.9 Verbally communicate with company representative if changes are required to program</p> <p>1.10 Inform others of all required or possible changes to program</p>
2. Establish lease	<p>2.1 Obtain lease details and locate and inspect lease</p> <p>2.2 Inform construction company of lease details including all infrastructure arrangements</p> <p>2.3 Make contact with owners and statutory bodies and confirm compliance with regulations</p> <p>2.4 Establish, check and communicate directions to lease</p> <p>2.5 Establish right-of-way to lease, identify and rectify potential problems and communicate to appropriate personnel, third parties and regulators</p> <p>2.6 Establish camp location, check infrastructure and safety arrangements and rectify issues identified</p> <p>2.7 Check and adjust supply sources and expendables to meet current requirements</p> <p>2.8 Establish and monitor rubbish and waste arrangements for disposal according to environmental requirements</p>
3. Communicate and report outcomes	<p>3.1 Confirm lease establishment information with appropriate personnel, third parties and regulators and submit written reports</p> <p>3.2 Review, update and implement contract information for pre-well preparation</p> <p>3.3 Report new lease data to appropriate officers using correct reporting strategies</p> <p>3.4 Review and amend shutdown procedures and communicate activity to relevant parties</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 critical information from the organisational plan, work programs and lease details
Writing	<ul style="list-style-type: none">Produces and completes workplace reports, including organisational procedures and using appropriate vocabulary, grammatical structures and conventions

Unit Mapping Information

Supersedes and is equivalent to RIIOGD501E Manage rig operations.

Links

Companion Volume implementation guides is found on VETNet -

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