



Australian Government

RIIWSV401D Rig up and rig down for well servicing

Release: 3

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Modification History

Release	Comment
1	This is a new unit
2	Editorial corrections
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 applying rig up and rig down for well servicing in Drilling.

This unit is appropriate for those working in supervisory or technical specialist roles.

Licensing, legislative, regulatory and certification requirements that may 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 (Well Servicing)

Elements and Performance Criteria

1 Plan and prepare for operations	1.1 Access, interpret and apply compliance documentation and legislation and ensure the work activity is compliant 1.2 Obtain, read, clarify/confirm and apply work instructions 1.3 Identify, manage and report all potential hazards 1.4 Carry out gas testing 1.5 Confirm well bore stability 1.6 Resolve coordination requirements with others at the site prior to commencing and during work activities 1.7 Carry out pre rig-up procedure inspections (by rig manager,
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	<p>operator and crew) in accordance with standards for individual rigs</p> <p>1.8 Coordinate movement of load and sequence of installation and location in accordance with rig movement plan</p> <p>1.9 Check equipment for damage and/or loss by moving contractor and report and BI in accordance with requirements</p>
2 Rig up	<p>2.1 Receive, acknowledge and action rig manager authorisation to commence rig-up operations</p> <p>2.2 Receive detailed instructions on use and type of mud/fluid/air from the operator and distribute as appropriate and to required specifications</p> <p>2.3 Identify potential rig-up problems and take corrective action</p> <p>2.4 Keep rig manager informed of operations in accordance with legislative and company requirements</p>
3. Prepare for well servicing operations	<p>3.1 Check rig and hoist equipment, report damage to rig manager and record in accordance with company policies and procedures</p> <p>3.2 Conduct equipment checks for nipples-up or cross-checked with relevant procedures</p> <p>3.3 Confirm and check handling equipment for correct sizing and if fit for purpose</p> <p>3.4 Confirm availability of and inspect, clean, calibrate and record tubulars in accordance with requirements</p> <p>3.5 Check well control equipment against work program requirements</p> <p>3.6 Identify special tool requirements and check if fit for purpose and approved for use</p>
4. Prepare start operations	<p>4.1 Load pipe racks with pipe/ down hole production equipment tubulars and position drill collars for immediate use</p> <p>4.2 Inspect /tubulars down hole running tools and prepare for operation</p> <p>4.3 Record in writing casing/tubular/down hole tallies and report to appropriate company officer</p>
5. Conduct operations in accordance with instructions	<p>5.1 Determine optimum circulating rates and operational penetration rates and check deviations are in accordance with operators program</p> <p>5.2 Check circulating equipment for immediate operation</p> <p>5.3 Check fluid quantity requirements with sufficient being in reserve to kill well and keep hole on full trip</p> <p>5.4 Record in writing correct fluid properties in tally book</p>

	<p>5.5 Operate all equipment in accordance with manufacturer regulations and company procedures</p> <p>5.6 Maintain a sound working relationship with third party contractors</p>
6. Rig down	<p>6.1 Receive and action rig manager authorisation to commence rig-down operations</p> <p>6.2 Identify potential rig-down problems and take corrective action</p> <p>6.3 Keep rig manager informed of operations</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>