



Australian Government

RIISAM314D Manage oil and gas drilling equipment maintenance

Release: 1

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Modification History

Not applicable.

Application

This unit describes a participant's skills and knowledge required to manage oil and gas drilling equipment maintenance in Drilling (Oil/Gas).

This unit is appropriate for those working in operational roles.

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

Unit Sector

Drilling (Oil/Gas)

Elements and Performance Criteria

<p>1. Plan and prepare for oil and gas drilling equipment maintenance</p>	<p>1.1 Access, interpret and apply service and maintenance 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, address and report 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 ready for fire/accident/emergency</p> <p>1.6 Resolve coordination requirements with others prior to commencing and during work activities</p>
<p>2. Check new and used equipment</p>	<p>2.1 Test materials and equipment regularly</p> <p>2.2 Monitor availability of new and used equipment</p> <p>2.3 Evaluate costs/benefits of replacing equipment, and recommend/implement the purchase/lease of replacement equipment</p> <p>2.4 Check stock levels and order spare parts and consumables</p> <p>2.5 Maintain communication between operators, company and suppliers</p> <p>2.6 Check manufacturer's manuals/company procedures for currency and relevancy</p>
<p>3. Organise maintenance and overhauls</p>	<p>3.1 Determine type and frequency of maintenance tasks</p> <p>3.2 Organise equipment maintenance and service to ensure availability is maintained and downtime minimised</p> <p>3.3 Monitor performance of maintenance schedules and take corrective action if necessary</p> <p>3.4 Arrange sources for obtaining back up or replacement equipment</p> <p>3.5 Allocate personnel to carry out maintenance tasks</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

RIISAM314B Manage oil and gas drilling equipment maintenance

Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>