



Australian Government

RIISAM404 Monitor oil and gas equipment maintenance

Release: 1

RIISAM404 Monitor oil and gas equipment maintenance

Modification History

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

Application

This unit describes the skills and knowledge required to monitor oil and gas equipment maintenance in drilling and well servicing operations. It prepares individuals to check new and used equipment and monitor maintenance and overhauls.

It applies to those working in supervisory roles. They generally perform tasks involving a broad range of varied activities most of which are complex and non-routine and are responsible for the quantity and quality of the output of others.

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

Unit Sector

Drilling (Oil/Gas)

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 oil and gas equipment maintenance	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply service and maintenance 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 for work activity 1.5 Obtain and interpret emergency procedures and identify steps required in case of fires, accidents and other emergencies 1.6 Communicate with other personnel at site according to work

ELEMENT	PERFORMANCE CRITERIA
	requirements and confirm briefings and handover details are communicated and received
2. Check new and used equipment	2.1 Test materials and equipment regularly according to workplace procedures 2.2 Monitor availability of new and used equipment 2.3 Check stock levels and inform rig manager of required spare parts and consumables 2.4 Maintain communication between operators, company and suppliers 2.5 Check manufacturer manuals/company procedures for currency and relevancy
3. Monitor maintenance and overhauls	3.1 Take direction from rig manager regarding type and frequency of maintenance tasks required 3.2 Allocate personnel to carry out maintenance tasks 3.3 Monitor performance of maintenance and take corrective action if necessary

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
Problem-solving	Applies problem solving processes to identify risks, evaluate options and determine solutions

Unit Mapping Information

Supersedes and is equivalent to RIISAM314D Manage oil and gas drilling equipment maintenance.

Links

Companion Volume implementation guides is found on VETNet -

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