



Australian Government

RIIOGD502E Plan and evaluate rig operations

Release: 1

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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 plan and evaluate rig operations in drilling. It prepares individuals to establish risk management strategies and implement a rig safety compliance system.

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.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Users must check requirements with relevant body before applying the unit.

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. Prepare for planning and evaluating rig operations	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply plan and evaluate 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 for work activities

ELEMENT	PERFORMANCE CRITERIA
	1.5 Confirm personnel coordination requirements at the site are met prior to commencement of work activities 1.6 Identify financial and insurance implications of non-conformance and notify appropriate personnel and authorities as required
2. Evaluate and establish risk management strategies	2.1 Identify role and legal responsibilities of rig managers, supervisors and personnel and implement measures to manage responsibilities 2.2 Examine, interpret and implement processes for regulations, code of practice and specific site manuals 2.3 Access, interpret and apply understanding of auditing workplace hazards, evaluate findings and implement control measures 2.4 Establish on-site meeting processes for communicating and resolving safety issues with personnel and required authorities 2.5 Evaluate rig operations and performance, communicate with client and implement changes as required 2.6 Identify and implement coaching and mentoring arrangements and design required training and corrective strategies for performance issues
3. Implement rig safety compliance system	3.1 Identify and implement site communication requirements 3.2 Identify and demonstrate radio communication strategies and reporting techniques 3.3 Maintain systems, written records and reporting procedures according to workplace requirements 3.4 Identify and investigate non-conformances, report and implement corrective strategies

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
Oral communication	Presents an explanation of a workplace procedure to a group using sector-specific vocabulary
Reading	Identifies critical information from the organisational plan, work programs and team members' individual training needs assessments to design a program for team skills development

Unit Mapping Information

Supersedes and is equivalent to RIIOGD502D Plan and evaluate rig operations.

Links

Companion Volume implementation guides is found on VETNet -

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