Australian Government

RII50809 Diploma of Drilling Oil/Gas (On shore)

Release 3

INDUSTRY
SKILLS
COUNCILS
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RII50809 Diploma of Drilling Oil/Gas (On shore)

Modification History

Not applicable.

Description

This qualification reflects the role of a supervisor in a drilling operation. The tasks performed involve a high level of autonomy and require the application of significant judgement in planning and determining the selection of equipment/roles/techniques for themselves and others. They are required to demonstrate the application of a broad range of technical, managerial, coordination and planning skills.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

The following table includes a summary of the employability skills as identified by the resources and infrastructure industry for this qualification. The table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes required here are broad industry requirements that may vary depending on packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	• provide clear and direct feedback • listen carefully to instructions and information • read and interpret project plans and safety signs • calculate basic weights, distances and volumes • complete accurate work plans, technical reports, risk assessments, etc • negotiate solutions to customer and workplace based issues • negotiate project details with clients • network with other professionals working in the same field
Teamwork	• plan and lead team performance and operations • coordinate project activities and timelines with clients • work cooperatively with people of different ages, gender, race, religion or political persuasion • provide feedback and advice to staff • lead site-wide planning and coordination activities
Problem-solving	• re-allocate staff and resources in response to changing weather, site conditions and priorities • manage staff to solve problems and coordinate individual responsibilities and activities • work cooperatively with clients to resolve contract and operational issues • manage the ongoing review and adjustment of operations against performance indicators and project milestones
Initiative and enterprise	• act independently to identify potential improvements to working practice and conditions • identify and take steps to resolve risks in the workplace • encourage the exploration and application of innovative approaches to improve on operational performance
Planning and organising	• manage and coordinate time and priorities for self and team • identify and obtain appropriate personnel and resources for work • ensure that risks are assessed and appropriate emergency plans are in place • ensure that project planning incorporates the possibility of adapting to future changes

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Self-management	• take responsibility for ensuring team targets and goals are achieved • understand the standard of work expected at the work site • proactively manage team performance • develop trust and confidence in staff and customers
Learning	• be willing to learn new ways of working • seek information to improve performance from people and workplace documents like policies, procedures etc • understand equipment characteristics, technical capabilities, limitations and procedures • lead change and continuous improvement processes • manage learning and development plans • prepare and lead formal or informal training sessions
Technology	• apply a range of basic IT skills in monitoring and reporting on systems • operate equipment safely and according to manufacturer and workplace guidelines • use communications technology appropriate to the workplace (email, mobile, radio, etc) • use computer technology to monitor and communicate project status • use IT to create documents and maintain records of work activities

Packaging Rules

Requirements for completion of the qualification

The following table provides the packaging rules for this qualification, followed by the list of relevant units of competency.

Successful completion of eleven (11) units of competency made up of:

- six (6) Core units, and
- five(5) elective units of which:
- at least two (2) must come from the Group A electives listed below
- at least one (1) from the Group B electives listed below
- up to one (1) unit may come from AQF level IV, Diploma or Advanced Diploma in this, or any other Training Package.

Units of competency chosen must be relevant to the competency requirements for the job function.

Care must be taken to ensure that all prerequisites specified within imported units, or units chosen as electives, are complied with.

Core units of competency	
Unit code	*Unit title*
RIIBEF401A	Manage non-routine, complex technical situations
RIIOGD501A	Manage rig operations
RIIOGD502A	Plan and evaluate rig operations
RIIOGD504A	Manage drilling operations
RIIOGD505A	Manage drilling induction and orientation
RIISAM502B	Manage general drilling equipment maintenance
Group A electives	
Unit code	*Unit title*
RIIOGD503A	Oversee drilling operations
RIIOGD506A	Manage rig move and camp move
RIIOGD507A	Manage and monitor rig-up and rig-up to spud operations
RIIOGD508A	Manage well completion and abandonment
Group B electives	
Unit code	*Unit title*

BSBCUS501A	Manage quality customer service
BSBMGT515A	Manage operational plan
BSBOHS509A	Ensure a safe workplace
BSBWOR502B	Ensure team effectiveness
RIIENV501A	Implement and maintain environmental management plan
RIIGOV501A	Identify, implement and maintain legal compliance requirements
RIIQUA501A	Implement, monitor and develop quality management plans
RIIRIS501A	Implement and maintain management systems to control risk
RIIPRM501A	Implement, monitor, rectify and report on contracts