



Australian Government

RH41109 Certificate IV in Drilling Oil/Gas (On shore)

Release 3

RII41109 Certificate IV in Drilling Oil/Gas (On shore)

Modification History

Not applicable.

Description

This qualification reflects the role of employees such as senior drillers working in an on shore oil/gas context. They perform tasks involving a broad range of varied activities most of which are complex and non-routine. They are responsible for the quantity and quality of the output of others and contribute to the development of technical solutions to non-routine problems.

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	<ul style="list-style-type: none"> • 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 • adjust communication style to meet the needs of people with diverse backgrounds
Teamwork	<ul style="list-style-type: none"> • 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 and people with disability • recognise and respond sensitively to people from culturally and linguistically diverse backgrounds • provide feedback and advice to staff • participate in site-wide planning and coordination activities
Problem-solving	<ul style="list-style-type: none"> • re-allocate staff and resources in response to changing weather, site conditions and priorities • work with staff to solve problems and coordinate team members' responsibilities and activities • work cooperatively with clients to resolve contract and operational issues • participate in ongoing review and adjustment of operations against performance indicators and project milestones
Initiative and enterprise	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • manage and coordinate time and priorities for self and team • identify and obtain appropriate personnel and resources for work

	<ul style="list-style-type: none"> • ensure that risks are assessed and appropriate emergency plans are in place • ensure that project planning incorporates the possibility of adapting to future changes
Self-management	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 • participate in and, where appropriate, lead change processes • work with staff to create learning and development plans • prepare and lead formal or informal training sessions
Technology	<ul style="list-style-type: none"> • 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 twelve (12) units of competency made up of:

- eight (8) Core units, and
- four (4) elective units of which:
- up to four (4) units may come from the Group A Electives listed, AQF level III, IV or Diploma level from 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	
<i>Unit code</i>	<i>Unit title</i>
BSBLED401A	Develop teams and individuals
RIIOHS405A	Maintain standard procedures and safe working practices
RIIERR304A	Control emergencies and critical situations
RIIOGD401A	Rig up, conduct pre-spud operations and rig down
RIIOGD402A	Participate in nippling-up and pressure test
RIIOGD403A	Conduct drilling operations
RIIOGD405A	Carry out well control and blow out prevention
RIIRIS301B	Apply risk management processes
Group A Electives	
<i>Unit code</i>	<i>Unit title</i>
RIIOGD304A	Apply effective coal seam gas control practices
RIIOGD305A	Apply blow out prevention operational procedures
RIIOGD404A	Coordinate air drilling operations
BSBCUS401B	Coordinate implementation of customer service strategies
HLTFA301C	Apply first aid

HLTFA402C	Apply advanced first aid
MSAPMPER300C	Issue work permits
RIIERR401B	Apply and monitor surface operations emergency preparedness and response procedures
RIIQUA401A	Apply a quality management system on site
RIISAM314A	Manage oil and gas drilling equipment maintenance
TAEASS401A	Plan and organise assessment
TAEASS402B	Assess competence
TAEASS403B	Participate in assessment validation