



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **RII41009 Certificate IV in Drilling Oil/Gas (Off shore)**

**Release: 1**

## **RII41009 Certificate IV in Drilling Oil/Gas (Off shore)**

### **Modification History**

Not applicable.

### **Description**

This qualification reflects the role of employees such as senior drillers working in an 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"> <li>• provide clear and direct feedback</li> <li>• listen carefully to instructions and information</li> <li>• read and interpret project plans and safety signs</li> <li>• calculate basic weights, distances and volumes</li> <li>• complete accurate work plans, technical reports, risk assessments, etc</li> <li>• negotiate solutions to customer and workplace based issues</li> <li>• negotiate project details with clients</li> <li>• network with other professionals working in the same field</li> <li>• adjust communication style to meet the needs of people with diverse backgrounds</li> </ul> |
| Teamwork                  | <ul style="list-style-type: none"> <li>• plan and lead team performance and operations</li> <li>• coordinate project activities and timelines with clients</li> <li>• work cooperatively with people of different ages, gender, race, religion or political persuasion and people with disability</li> <li>• recognise and respond sensitively to people from culturally and linguistically diverse backgrounds</li> <li>• provide feedback and advice to staff</li> <li>• participate in site-wide planning and coordination activities</li> </ul>   |
| Problem-solving           | <ul style="list-style-type: none"> <li>• re-allocate staff and resources in response to changing weather, site conditions and priorities</li> <li>• work with staff to solve problems and coordinate team member's responsibilities and activities</li> <li>• work cooperatively with clients to resolve contract and operational issues</li> <li>• participate in ongoing review and adjustment of operations against performance indicators and project milestones</li> </ul>   |
| Initiative and enterprise | <ul style="list-style-type: none"> <li>• act independently to identify potential improvements to working practice and conditions</li> <li>• identify and take steps to resolve risks in the workplace</li> <li>• encourage the exploration and application of innovative approaches to improve on operational performance</li> </ul>  |
| Planning and organising   | <ul style="list-style-type: none"> <li>• manage and coordinate time and priorities for self and team</li> <li>• identify and obtain appropriate personnel and resources for work</li> </ul>   |

|                 |   |
|-----------------|---|
|                 | <ul style="list-style-type: none"> <li>• ensure that risks are assessed and appropriate emergency plans are in place</li> <li>• ensure that project planning incorporates the possibility of adapting to future changes</li> </ul>  |
| Self-management | <ul style="list-style-type: none"> <li>• take responsibility for ensuring team targets and goals are achieved</li> <li>• understand the standard of work expected at the work site</li> <li>• proactively manage team performance</li> <li>• develop trust and confidence in staff and customers</li> </ul>   |
| Learning        | <ul style="list-style-type: none"> <li>• be willing to learn new ways of working</li> <li>• seek information to improve performance from people and workplace documents like policies, procedures etc</li> <li>• understand equipment characteristics, technical capabilities, limitations and procedures</li> <li>• participate in, and where appropriate, lead change processes</li> <li>• work with staff to create learning and development plans</li> <li>• prepare and lead formal or informal training sessions</li> </ul> |
| Technology      | <ul style="list-style-type: none"> <li>• apply a range of basic IT skills in monitoring and reporting on systems</li> <li>• operate equipment safely and according to manufacturer and workplace guidelines</li> <li>• use communications technology appropriate to the workplace (email, mobile, radio, etc)</li> <li>• computer technology is used to monitor and communicate project status</li> <li>• use IT to create documents and maintain records of work activities</li> </ul>   |

## 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 thirteen (13) units of competency made up of:

- twelve (12) mandatory units, and
- one (1) elective units of which:
  - up to one (1) from the general electives listed below
  - up to one (1) unit may come from Certificate III, Certificate IV or Diploma level from this, or any other Training Package

Units chosen must be relevant to the job function.

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

| <b>Mandatory units of competency</b> |   |
|--------------------------------------|---|
| <i>Unit code</i>                     | <i>Unit title</i>   |
| BSBMGT401A                           | Show leadership in the workplace                          |
| BSBOHS407A                           | Monitor a safe workplace                                  |
| BSBSUS201A                           | Participate in environmentally sustainable work practices |
| RIIERR304A                           | Control emergencies and critical situations               |
| RIIOGD401A                           | Rig up, conduct pre-spud operations and rig down          |
| RIIOGD402A                           | Participate in nipping-up and pressure test               |
| RIIOGD403A                           | Conduct drilling operations                               |
| RIIOGD404A                           | Coordinate air drilling operations                        |
| RIIOGD405A                           | Carry out well control and blowout prevention             |
| RIIQUA401A                           | Apply a quality management system on site                 |
| RIIRIS402A                           | Carry out risk management processes                       |
| RIISAM314A                           | Manage oil and gas drilling equipment maintenance         |
| <b>General electives</b>             |   |

| <i>Unit code</i> | <i>Unit title</i>  |
|------------------|--|
| HLTFA301B        | Apply First Aid  |
| HLTFA402B        | Apply advanced First Aid   |
| RIIERR311A       | Assess and implement life support systems and stabilise casualties |