



Australian Government

RII31815 Certificate III in Drilling Operations

Release 1

RII31815 Certificate III in Drilling Operations

Modification History

| Release | Comments |
|---------|--|
| 1 | This qualification replaces RII31813 Certificate III in Drilling Operations. Packaging rules changed to clarify intent. BSBDIV301 Work effectively with diversity and RIICTT303D Control micro tunnelling and pipe-jacking added to elective Group B. Updated codes of imported units. |

Qualification Description

This qualification reflects the role of employees such as drillers who perform tasks involving a broad range of skilled applications applied in a wide variety of contexts, which may involve application of some discretion and judgement in selecting equipment, services or contingency measures.

No licensing, legislative, regulatory and certification requirements apply to this qualification at the time of publication.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

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

Total number of units = 13

8 core units plus

5 elective units, of which:

- no more than two (2) must be chosen from Group A, including at least one (1) ‘Conduct’ unit
- no more than two (2) units may be chosen from Group B
- no more than two (2) units may be chosen from elsewhere within this training package, or from another endorsed training package, or from an accredited course.

All elective units selected from outside this qualification must reflect current occupational and learning outcomes of this AQF qualification level.

There are no prerequisites to imported units listed in this qualification. Where a unit is imported as an elective care must be taken to ensure that all prerequisites specified are complied with.

| Core units of competency | |
|---------------------------------|---|
| <i>Unit code</i> | <i>Unit title</i> |
| BSBWHS301 | Maintain workplace safety |
| MSAPMSUP172 A | Identify and minimise environmental hazards |
| RIIBEF301D | Run on-site operations |
| RIICOM201D | Communicate in the workplace |
| RIINHB301D | Set up and prepare for drilling operations |
| RIIRIS301D | Apply risk management processes |
| RIISAM209D | Carry out operational maintenance |
| TAEDEL301A | Provide work skill instruction |
| Electives | |
| Group A | |
| <i>Unit code</i> | <i>Unit title</i> |
| RIIBHD305D | Conduct down-hole hammer drilling |
| RIINHB302D | Conduct reaming |
| RIINHB303D | Install product pipe |
| RIINHB304D | Conduct air drilling |

| | |
|------------------|---|
| RIINHB305E | Conduct continuous flight auger drilling |
| RIINHB306E | Conduct large diameter auger drilling |
| RIINHB307D | Conduct conventional core drilling |
| RIINHB308D | Conduct wireline core drilling |
| RIINHB309E | Conduct guided boring |
| RIINHB310D | Conduct surface directional drilling |
| RIINHB311D | Conduct mud rotary drilling |
| RIINHB312D | Conduct raise boring |
| RIINHB313D | Conduct cable tool drilling |
| RIINHB315D | Conduct top-hole hammer drilling |
| RIINHB316D | Conduct underground in-seam directional drilling |
| RIINHB317D | Install underground in-seam directional drilling standpipes |
| RIINHB318D | Install and operate water and gas control equipment |
| RIINHB319D | Install de-watering conduit and gas drainage equipment |
| RIINHB320D | Construct monitoring bores |
| RIINHB322D | Construct multiple aquifer production bores |
| RIINHB323D | Conduct horizontal directional drilling |
| RIINHB324D | Carry out grouting or cementing operations |
| RIINHB325D | Construct and complete single aquifer production bores |
| Group B | |
| <i>Unit code</i> | <i>Unit title</i> |
| BSBDIV301 | Work effectively with diversity |
| HLTAID003 | Provide first aid |
| HLTAID006 | Provide advanced first aid |
| PMASUP236B | Operate vehicles in the field |
| RIIBHD301D | Conduct surface blast hole drilling operations |
| RIIBHD304D | Set up and prepare for open-cut drilling operations |
| RIIBLA201D | Support shotfiring operations |
| RIIBLA202E | Support underground shotfiring operations |
| RIIBLA205D | Store, handle and transport explosives |
| RIIBLA301D | Conduct surface shotfiring operations |
| RIIBLA303D | Conduct underground development shotfiring |

| | |
|------------|--|
| RIIBLA304D | Conduct underground production shotfiring |
| RIICTT303D | Control micro tunnelling and pipe-jacking |
| RIIERR301D | Respond to mine incident |
| RIIERR302D | Respond to local emergencies and incidents |
| RIINHB205E | Assist continuous flight auger drilling |
| RIINHB206E | Assist large diameter auger drilling |
| RIINHB208D | Assist diamond core drilling |
| RIINHB209D | Assist guided boring |
| RIINHB210D | Assist surface directional drilling |
| RIINHB211D | Assist mud rotary drilling |
| RIINHB213D | Assist cable tool drilling |
| RIINHB219D | Assist with air drilling |
| RIIOGD304D | Apply effective coal seam gas control practices |
| RIIOGD305D | Apply blow out prevention operational procedures |
| RIIOGD405D | Carry out well control and blow out prevention |
| RIIQUA201D | Maintain and monitor site quality standards |
| RIIVEH305E | Operate and maintain a four wheel drive vehicle |

Qualification Mapping Information

| Code and title current version | Code and title previous version | Comments | Equivalence status |
|---|---|---|------------------------------|
| RII31815 Certificate III in Drilling Operations | RII31813 Certificate III in Drilling Operations | Packaging rules changed to clarify intent; added two elective units | Equivalent qualification. |

Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>