



Australian Government

RIIOGD402D Participate in nippling-up and pressure test

Release: 3

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Modification History

Release	Comment
1	This unit replaces RIIOGD402A Participate in nippling-up and pressure test
2	Performance Criteria amended to make requirements more explicit.
3	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Application

This unit describes a participant's skills and knowledge required to apply assist in maintaining rig safety and emergency procedures in Drilling.

This unit is appropriate for those working in assistant roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Relevant information must be sourced prior to application of the unit.

Unit Sector

Drilling

Elements and Performance Criteria

1. Plan and prepare for nippling-up and pressure testing	1.1 Access, interpret and apply documentation for participating in nippling-up and pressure testing and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify, address and report potential hazards, risks and environmental issues and implement control measures 1.4 Select and wear personal protective equipment appropriate to work activities 1.5 Resolve coordination requirements with others at the site prior to commencing, during, and on completion of work activities
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	1.6 Check and adjust casing bowl and position level 1.7 Perform blow out prevention (BOP) test as per operator's written instructions 1.8 Carry out rig-up to drill-out operations 1.9 Carry out pressure tests prior to drilling out and record results
2. Pressure testing during intermediate and/or main holes	2.1 Confirm pressure test program/timing 2.2 Check cup testers and plugs for sizing and integrity 2.3 Monitor and maintain stack within deviation limit
3. Conduct housekeeping activities	3.1 Clean, check, maintain and store plant, tools and equipment 3.2 Report issues identified with plant, tools and equipment

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

No equivalent Unit

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for RIIOGD402D Participate in nippling-up and pressure test

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Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies relevant documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of nippling-up and pressure testing including:
 - identifying, addressing and reporting potential hazards and risks
 - controlling identified hazards
 - checking and adjusting casing bowl and position
- monitoring and maintaining stackworks effectively with others to plan, prepare and conduct nippling-up and pressure testing to meet required outcomes including:
 - preparing for and organising work activities to meet all task requirements
 - communicating clearly and concisely with others to receive and clarify work instructions
 - using a range of communication techniques and aids to advise others of work activity
- demonstrates completion of nippling-up and pressure testing that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - checking and adjusting casing bowl and position level
 - performing blow out prevention (BOP) test as per operator's written instructions
 - participation in nippling-up and pressure testing and recording
 - perform a range of numerical calculations including:
 - volume

- quantities
- mass
- weight
- length
- pressure
- using calculator if required
- using estimating skills (e.g. mental arithmetic, visualisation of size and quantity)
- basic geometry (e.g. interpreting depth, direction, angles)
- use of metric and imperial and conversion between the two

Knowledge Evidence

The candidate must demonstrate knowledge in nippling-up and pressure testing through:

- accessing, interpreting and applying legislative, organization and site requirements and procedures for:
 - identifying and managing risks
 - identifying, addressing and reporting environmental issues
 - setting up work activity
 - site isolation, signage and erecting barriers
 - work health and safety
 - selecting and checking for faults, all tools and equipment to carry out tasks
 - carrying out work to specifications
 - deviation limits
 - BOP test
- applying effective techniques for nippling-up and pressure testing
- standard working practices and procedures for effective nippling-up and pressure testing
- rig maintenance procedures

Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit must be assessed in the context of this sector's work environment; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,

- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,
- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	AQF** Level	Required assessor or Industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years
Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this Unit is being assessed outside of the Resources and Infrastructure Sectors assessor and/or Industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation.	

*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for external assessors this can be demonstrated through exposure to Industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

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