



Australian Government

RIIOGN201E Carry out rig lease operations

Release: 1

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Modification History

Release	Comment
1	This unit replaces RIIOGN201D Carry out rig lease operations. Substantial grammatical amendments made to performance criteria and performance evidence. Added mapping table.

Application

This unit describes a participant's skills and knowledge required to apply carry out rig lease operations in drilling.

This unit is appropriate for those working in operational 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 rig lease operations	1.1. Access, interpret and apply documentation 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 the work activities 1.5. Adhere to coordination requirements with others at the site prior to, during and on completion of work activities and ensure briefings/handover details are communicated 1.6. Place and tier tubular in appropriate racks 1.7. Measure, label and record tubular
2. Operate pneumatic and electric power	2.1. Operate pneumatic and electric power tools 2.2. Identify faults with equipment and repair or report to relevant

tools	personnel
3. Assist drill crew in running and recovery of blow out prevention stack	3.1. Assist winch operator as directed 3.2. Assist in positioning blow out prevention equipment 3.3. Assist crew by supplying tools to the drill floor as required
4. Provide labour for loading and unloading transport	4.1. Use approved safety approach 4.2. Use correct lifting techniques
5. Provide labour for making up drilling mud	5.1. Access and interpret safety data sheet 5.2. Use correct manual handling techniques 5.3. Use safety equipment correctly in event of personal contact with hazardous materials

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

Code and title current version	Code and title previous version	Comments	Equivalence status
RIIOGN201E Carry out rig lease operations	RIIOGN201D Carry out rig lease operations	Substantial grammatical amendments made to performance criteria and performance evidence.	Equivalent

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 RIIOGN201E Carry out rig lease operations

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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 that the candidate:

- locates and applies applicable documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of rig lease operations including:
 - identifying, addressing and reporting potential hazards and risks
 - controlling identified hazards
 - identifying, addressing and reporting environmental issues
 - preparing written records and reports
 - rectifying and/or reporting faults and malfunctions
- works effectively with others to undertake and complete rig lease operations that meets all of the required outcomes including:
 - complying with written and verbal reporting requirements and procedures
 - communicating clearly and concisely with others to receive and clarify work instructions
 - communicating clearly and concisely with others to resolve coordination requirements prior to commencing and during work activities
- demonstrates completion of rig lease operations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - selecting and fitting correct stinger/slides appropriate for loads
 - transferring equipment by forklift
 - placing, measuring, labelling and recording details of tubular
 - assisting in running/recovery of blow out prevention stack
 - operating air tugger winch if required
 - assisting in supply of transport equipment to drill floor and loading/unloading
 - mixing drilling fluid

Knowledge Evidence

The candidate must demonstrate knowledge of the following in carrying out rig lease operations through:

- compliance with legislative, organisation and site requirements and procedures for carrying out rig lease operations for:
 - identification and management of risks
 - identification and management of environmental issues
 - set up for work activity
 - site isolation, signage and erecting barriers
 - work health and safety
 - identification of faults, all plant, tools and equipment to carry out tasks
 - specifications for work
 - drill floor operations
- safe operational practices undertaking numerical tasks involving measurement, e.g. tapes, rulers, calibration devices

Assessment Conditions

- Assessors must satisfy the Standards for Registered Training Organisations (RTOs) 2015/AQTF mandatory competency requirements for assessors; 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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