



Australian Government

RIIOGD502D Plan and evaluate rig operations

Release: 2

RIIOGD502D Plan and evaluate rig operations

Modification History

Release	Comment
1	This unit replaces RIIOGD502A Plan and evaluate rig operations
2	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 plan and evaluate rig operations in Drilling.

This unit is appropriate for those working in supervisory 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. Prepare for planning and evaluating rig operations	1.1 Access, interpret and apply plan and evaluate rig operations 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 Resolve coordination requirements with others at the site prior to commencing and during, and on completion of work activities 1.6 Identify financial/insurance implications of non-conformance and notify appropriate personnel/authorities
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2. Establish risk management strategies	2.1 Identify role and legal responsibilities of rig managers, supervisors and personnel, implement measures to manage responsibilities 2.2 Examine, interpret and implement processes for regulations, code of practice and specific site manuals 2.3 Access, interpret and apply understanding of auditing workplace hazards, evaluate findings and implement control measures 2.4 Establish on-site meeting processes for communicating and resolving safety issues with personnel and appropriate authorities 2.5 Evaluate rig operations and performance, communicate with client and implement changes as required 2.6 Identify and implement coaching and mentoring arrangements and design appropriate training or corrective strategies for performance issues
3. Implement rig safety compliance system	3.1 Identify and implement site communication requirements 3.2 Identify and demonstrate radio communication strategies and reporting techniques 3.3 Maintain systems, written records and reporting procedures 3.4 Identify and investigate non-conformances, report and implement corrective strategies

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

RIIOGD502A Plan and evaluate rig operations

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 RIIOGD502D Plan and evaluate rig 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 evidence that the candidate:

- locates and applies relevant legislation, documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of planning and evaluating rig operations including:
 - identifying, addressing and reporting potential hazards and risks
 - applying emergency response plan and procedures
 - identifying, addressing and reporting environmental issues
 - identifying and reviewing all financial/insurance implications
 - establishing effective communication processes
 - applying training strategies to improve performance
 - maintaining systems, written records and reporting
 - identifying and addressing non-conformances
- works effectively with others to plan and evaluate rig operations to meet all 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 and exclusion zones

- demonstrates completion of planning and evaluating rig operations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - identifying and allocating roles and responsibilities
 - implementing operational changes where required
 - monitoring personnel performance
 - apply and monitor rig performance
 - communicating with client

Knowledge Evidence

The candidate must demonstrate knowledge in planning and evaluating rig operations through:

- accessing, interpreting and applying legislative, organization and site requirements and procedures for:
- planning, programming and preparing for rig operations
- work health and safety
- legal responsibilities
- auditing practices
- rig performance and operational requirements
- coaching, mentoring and training applications

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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