



Australian Government

RIIOGD601D Manage multiple drilling operations

Release: 2

RIIOGD601D Manage multiple drilling operations

Modification History

Release	Comment
1	This unit replaces RIIOGD601A Manage multiple drilling 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 manage multiple drilling operations in Drilling.

This unit is appropriate for those working in management 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 to manage multiple drilling operations	1.1 Access, interpret and apply documentation and procedures for managing multiple drilling operations and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address 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, during and on completion of work activities
2. Coordinate resource use for operational	2.1 Collect, analyse and organise resource information for use in

plans	operational plans 2.2 Ensure operational plans contribute are in line with business strategic and performance plans 2.3 Identify, confirm and allocate available resources within operational plans to achieve maximum value 2.4 Prepare contingency operational plans
3. Acquire resources for operational plan	3.1 Recruit and induct employees 3.2 Acquire allocated resources and services required for operational activity
4. Monitor operational performance of drill supervisors and drilling operations	4.1 Monitor systems and processes to identify variances to operational plan 4.2 Identify and investigate variances with resource usage, report and implement corrective actions 4.3 Mentor and coach individuals/teams on resource usage required to meet operational plan 4.4 Manage systems, procedures and written records associated with resource acquisition and usage

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

RIIOGD601A Manage multiple drilling 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 RIIOGD601D Manage multiple drilling 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 applicable, documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient management of multiple drilling operations including:
 - identifying, addressing and reporting potential hazards and risks
 - planning, managing and guiding individuals/teams
 - analysing and implementing corrective actions
 - establishing effective communication processes
 - applying training strategies to improve performance
 - maintaining systems, written records and reporting
- works effectively with others to plan, prepare and manage multiple drilling operations 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 the management of multiple drilling that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - inspection/research techniques for collection of data

- analysis and problem solving techniques
- planning control systems (sales, advertising and promotion, logistics)
- record keeping systems for multiple sites

Knowledge Evidence

The candidate must demonstrate knowledge of the following in applying the manage multiple drilling operations through:

- accessing, interpreting and applying legislative, organisation and site requirements and procedures for:
 - work health and safety
 - allocating available resources
 - corrective actions strategies
 - managing quality and continuous improvement processes and standards
 - applying ethical standards
- inspection/research techniques for collection of data
- completing analysis and applying problem solving techniques
- planning control systems (sales, advertising and promotion, logistics)
- undertaking record keeping systems for multiple sites
- communication systems, processes and procedures
- goals, objectives, plans, systems and processes
- strategic business and performance plans

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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