



Australian Government

RIIRAI607D Establish quarry operations

Release: 2

RIIRAI607D Establish quarry operations

Modification History

Release	Comment
1	This unit replaces RIIRAI607A Establish quarry 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 establish quarry operations in Extractive.

This unit is appropriate for those working in management or technical specialist roles.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Extractive

Elements and Performance Criteria

1. Plan and prepare to establish quarry operations	1.1 Access, interpret and apply establishing quarry operations documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address potential risks, hazards and environmental issues and implement control measures 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Access, interpret and clarify the approved site development plan in consultation with internal and external stakeholders 1.6 Prepare detailed business and marketing plans/budgets/financial models and contingency plans for the operation
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2. Establish the human resource requirement for the operation	2.1 Access, interpret and clarify requirements and procedures relating to human resource management 2.2 Establish parameters for employment of site personnel 2.3 Select and appoint site management personnel 2.4 Identify training needs and develop training plan in consultation with site management 2.5 Develop and implement position descriptions in consultation with site management 2.6 Establish site personnel selection procedures in consultation with site management
3. Establish the system for physical resource acquisition	3.1 Access, interpret and clarify requirements and procedures relating to the acquisition of physical resources 3.2 Identify the physical resources required for the safe, effective and efficient operation of the site 3.3 Establish, communicate and ensure the application of parameters for acquisition of physical resources 3.4 Facilitate and monitor the acquisition of physical resources required for the safe, effective and efficient operation of the site

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

RIIRAI607A Establish quarry 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 RIIRAI607D Establish quarry 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 procedures and techniques for the safe, effective and efficient completion of the establishing of quarry operations including:
 - accessing, interpreting and applying legislative, organisation and site requirements and procedures
 - business planning development requirements
 - resource planning and development requirements
 - preparation of project budget requirements
 - conducting title searches
 - interpreting survey data
 - gaining of statutory/legal approvals
 - preparing tender specifications
 - negotiation and contract finalisation
 - implementation of project management strategies
 - implementation of change
 - accessing and using appropriate technologies
 - report preparation and presentation
 - negotiation with internal/external customers, community and statutory/legal authorities
 - conflict resolution

- works effectively with others to undertake and complete the establishing of quarry operations including:
 - managing people and processes
 - resolving conflict
 - coordinating human, financial and physical resources
 - developing, initiating and administering work plans
 - interpreting and applying operational performance data
 - engaging internal and external stakeholders
- demonstrates completion of the establishment of quarry operations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - identifying the relevant information and scope of the work
 - identifying all aspects of the quarry operation, systems and production equipment
 - identifying physical resource requirements
 - assessing options for personnel selection procedures in consultation with site manager
 - establish and maintain procedures for physical resource acquisition

Knowledge Evidence

The candidate must demonstrate knowledge in establishing quarry operations through:

- legislative, organisation and site requirements and procedures for;
 - planning and strategic management
 - human resource management
 - industrial awards/enterprise agreements
 - business planning
 - risk management
 - work, health and safety
 - managing customer/client relations
 - managing organisational change and development
 - quarry operations, plant and equipment requirements
 - statutory/legal controls
 - titles management
 - managing organisational objectives
 - project management
- quarry design
- market research data
- resource quantification
- financial models
- fundamentals of contract law
- computer applications

- negotiation techniques

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.
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*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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