



Australian Government

Assessment Requirements for RIIBLA203E Conduct mobile mixing of explosives

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements and performance criteria of this unit.

The candidate must demonstrate completion of mobile mixing of explosives that safely, effectively and efficiently follows legislative requirements and workplace procedures to meet required outcomes on at least two occasions. This includes:

- preparing for blasting operations
- performing pre-start and shutdown checks
- handling, loading and transporting explosives precursors and explosives
- mixing explosives
- delivering explosives into blast hole
- performing cup weight density checks and confirming that measurements are to specification.

In the course of the above work, the candidate must also:

- locate and apply required documentation, policies and procedures
- drive and operate mobile processing units in line with site conditions
- identify common equipment faults
- calibrate vehicle or unit where applicable
- maintain security of explosives precursors
- operate emergency shutdown systems
- select and wear personal protective equipment required by work activities
- use a spill kit
- apply safe work practices.

Knowledge Evidence

The candidate must demonstrate the following knowledge to effectively complete the tasks outlined in the elements and performance criteria of this unit.

Key policies and procedures, state and territory legislation, codes of practice, and requirements when conducting the mobile mixing described in the performance evidence above, including those relating to:

- fires, accidents and emergencies
- personal protective equipment and safety equipment
- separation of incompatible goods prior to loading mobile processing unit (MPU)
- decontamination of units
- security of explosives precursors
- safety data sheets
- authorities to operate an MPU.

Key factors affecting work activities described in performance evidence above, including:

- differences between above and underground mobile mixing units
- types, properties, and hazards of explosives precursors and products manufactured
- purpose of density checks and outcomes of manufacturing out-of-specification explosives
- carrying capacity of MPUs being used in the performance evidence above
- mixing parameters and ratios of explosives precursors
- incompatible precursors and methods of segregation
- configuration, accessories and working parts of MPUs
- MPU loading equipment and methods.
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Assessment Conditions

Mandatory conditions for assessment of this unit are stipulated below.

The assessment must:

- include access to:
 - mobile mixing vehicle or unit
 - explosives precursors
 - personal protective equipment required for the activities described in the performance evidence
- be conducted in a safe environment
- be assessed in the context of this sector's work environment
- be assessed in compliance with relevant legislation and regulations; and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed
- confirm consistent performance can be applied in a range of relevant workplace circumstances.

Assessor requirements

Assessors must be able to clearly demonstrate current and relevant industry knowledge and experience to satisfy the mandatory competency standards as set out in the Standards for Registered Training Organisations (RTOs) current at the time of assessment. This includes:

- having knowledge of and/or experience using the latest techniques and processes
- possessing a high level of RII training product knowledge
- having understanding and knowledge of legislation and regulations relevant to the industry and to employment and workplaces
- possessing formal industry and training qualifications to the level being assessed
- demonstrating the performance evidence and knowledge evidence 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.

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 must also demonstrate skills and knowledge from the minimum years of current work experience specified below, including time spent in roles related to the unit being assessed.

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	

Industry sector	AQF** level	Required assessor or industry subject matter expert experience
	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.

Links

Companion Volume implementation guides are found in VETNet -

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