



Australian Government

RIIWHS402D Examine and maintain mine safety

Release: 3

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Modification History

Release	Comment
1	The unit replaces RIIOHS402A Examine and maintain mine safety.
2	Editorial corrections. Amended Application field.
3	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 examine and maintain mine safety in Coal mining.

This unit is appropriate for those working in supervisory roles where risk needs to be managed.

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.

Note: The terms Occupational Health and Safety (OHS) and Work Health and Safety (WHS) are equivalent and generally either can be used in the workplace. In jurisdictions where the National Model WHS Legislation has not been implemented RTOs are advised to contextualise the unit of competency by referring to the existing State/Territory OHS legislative requirements.

Elements and Performance Criteria

1 Maintain familiarity with operational and safety activities	1.1 Access, interpret and apply mine safety legislation and documentation and ensure the work activity is compliant 1.2 Obtain, analyse and confirm operational information in the form of handover reports, work instructions and verbal briefings 1.3 Obtain and clarify operational forecast information and confirm with appropriate management authorities 1.4 Access, interpret and apply geological and survey data to
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	complete all allocated tasks 1.5 Obtain, interpret and apply to all work activities, legislative and site requirements 1.6 Access and apply safety information and procedures 1.7 Coordinate activities with others prior to commencement of, and during the work activity
2 Examine operations	2.1 Conduct inspections 2.2 Respond to instances of non-compliance which endanger personnel 2.3 Discuss inspection findings with responsible parties and initiate appropriate response 2.4 Prepare written record of results for inspections and process records

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

RIIOHS402A Examine and maintain mine safety

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 RIIWHS402D Examine and maintain mine safety

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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
- demonstrates completion of the examination and maintenance of mine safety that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - attaining all work and site requirements to examine mine safety
 - reading, interpreting and applying geological and survey information used for establishing activity that maintains site safety
 - providing clear and timely instruction and supervision to those involved in mine safety
 - conducting routine and non-routine examination of site activity
 - applying procedures to recognise potential hazards and apply corrective measures according to site/legislative procedures
 - undertaking investigation procedures for noncompliance issues identified and reporting the outcomes and methods for resolving noncompliance
 - preparing technical written report on inspections, investigations and outcomes of response activities

Knowledge Evidence

The candidate must demonstrate knowledge of examining and maintaining mine safety through:

- relevant licensing, legislative, regulatory and certification requirements as site activity requires
- relevant site and equipment safety requirements
- relevant site and legislative safety inspections
- interpreting site geological, geographical and survey data
- knowledge and application of shot firing procedures and practices
- determining equipment characteristics, technical capabilities and limitations
- relevant operational and maintenance procedures
- identifying and complying with risk management procedures

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 is best assessed in the context of this sector's work environment;
- where personal safety or environmental damage are limiting factors, assessment may occur in a simulated environment provided it is realistic and sufficiently rigorous to cover all aspects of this sector's workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills; 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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