



Australian Government

RIIWHS602D Incorporate health and hygiene factors into mine management

Release: 4

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Modification History

Release	Comment
1	The unit replaces RIIOHS602A Incorporate health and hygiene factors into mine management.
2	Editorial corrections.
3	Amended Application field.
4	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 incorporate health and hygiene factors into mine management in Coal Mining.

This unit is applicable for those working in management roles where health and hygiene is 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 Identify the fundamentals of human disease and injury	1.1 Access, interpret and apply compliance documentation and ensure the work activity is compliant 1.2 Identify the causal chain and focus of common diseases 1.3 Identify the causes, symptoms and impacts of stress on employee health and effectiveness
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	1.4 Identify the potential impacts of shift work on employee health and effectiveness 1.5 Identify the potential impacts of drug and substance abuse on employee health and effectiveness
2 Incorporate health and hygiene factors into the work environment	2.1 Identify, analyse and use legislative and Industry standards as the basis for health and hygiene activities 2.2 Incorporate health and hygiene factors into mine operational planning and management systems
3 Incorporate health and hygiene factors into mine safety management plans	3.1 Establish and resource work injury recording systems 3.2 Establish sanitation and hygiene infrastructure and systems 3.3 Establish chemical and hazardous substances control systems 3.4 Establish atmospheric and dust control measures 3.5 Establish and maintain mine transport networks and rules
4 Establish health and hygiene protection measures for individuals	4.1 Establish, review and update individual medical recruitment and re-appraisal measures 4.2 Establish and resource health and hygiene training systems and programs 4.3 Establish and resource personal protective equipment systems and measures. 4.4 Establish and resource systems and procedures for manual and assisted handling
5 Establish control measures for operational health and hygiene hazards	5.1 Analyse health hazards related to mine lighting and establish systems and procedures 5.2 Analyse health hazards associated with vibration and establish systems and procedures 5.3 Analyse health hazards associated with noise and establish systems and procedures 5.4 Analyse health hazards associated with exposure to extremes of heat/cold and establish systems and procedures 5.5 Analyse health hazards associated with equipment and materials and establish systems and procedures 5.6 Analyse health hazards associated with atmospheric conditions and incorporate control measures and systems into the ventilation/gas management plans 5.7 Analyse health hazards associated with the handling, storage and conveyance of explosives and establish systems and procedures 5.8 Analyse health hazards associated with radiation and radiation

	sources and establish systems and procedures
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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

RIIOHS602A Incorporating health and hygiene factors into mine management

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 RIIWS602D Incorporate health and hygiene factors into mine management

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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 incorporating health and hygiene factors into mine management that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - identifying the fundamentals of human disease and injury that can occur on a mine site and prepares a management plan to manage site health and hygiene factors
 - identifying viable health and hygiene program options, explores and considers options to best meet the required outcomes and communicates outcomes to others
 - establishing and resourcing of health and hygiene training programs
 - analysing health hazards in various forms on site and establishing controls to manage the hazards
 - establishing and communicating effective procedures for conducting enquiries / investigations and preparing written reports
 - using various communicate systems and methods to communicate health and hygiene requirements, ideas and information to others
 - demonstrating support of others to maintain the standards of procedures and instructions in mine site and operations

- establishing procedures for preparing and documenting policies, plans and procedures
- evaluating data from monitoring systems for plant/equipment and work processes to improve health and hygiene outcomes
- establishing the review and audit processes / techniques to determine anomalies, good practice and implement solutions

Knowledge Evidence

The candidate must demonstrate knowledge of incorporating health and hygiene factors into mine management through:

- relevant licensing, legislative, regulatory and certification requirements
- fundamentals of health and hygiene and the effects on the human body
- health and hygiene policy requirements
- health and hygiene objectives, targets, performance indicators and criteria
- health and hygiene management systems information support requirements and options
- risk management and control theory and processes
- continuous improvement processes and techniques
- health and hygiene training requirements and systems

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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