Assessment Requirements for RIIERR402E Apply and monitor underground coal mine emergency preparedness and response systems

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Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- apply and monitor underground coal mine emergency preparedness and response systems on at least two occasions, including:
    - isolating potential risks and hazards using barricading techniques
    - identifying, assessing and communicating types and scope of incidents
    - collating, analysing and validating emergency preparedness and response data
    - locating and applying emergency equipment
    - participating in audits, debriefs and reviews of incidents and procedures.

During the above, the candidate must:

- locate and apply relevant legislation, documentation, policies and procedures and confirm work activity is compliant and confirm work activity is compliant
- implement procedures and techniques for applying and monitoring underground coal mine emergency preparedness and response systems, including:
    - assessing the situation and making decisions
    - developing and applying contingency plans
    - questioning others involved to determine accurate details
    - emergency response, evacuation and action plans
    - accessing, interpreting and applying technical and safety information
    - managing risks and hazards
    - locating and setting up a fresh air base
    - collating, interpreting and reporting incident/emergency data
- work effectively with others to apply and monitor underground coal mine emergency preparedness and response systems that meets required outcomes, including:
    - complying with reporting requirements and procedures

- communicating clearly and concisely with others to receive and clarify work instructions
- communicating clearly and concisely with others to coordinate work activities
- operating emergency communication systems.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- key legislation required to apply and monitor underground coal mine emergency preparedness and response systems
- key procedures and documentation required to apply and monitor underground coal mine emergency preparedness and response systems, including:
  - audit and review processes and techniques
  - emergency preparedness and response plans
  - call-out procedures
- emergency response and evacuation planning processes and techniques, including:
  - escape strategies and technologies
  - equipment requirements for different types of emergency
  - guidance systems and markers
  - trigger points to initiate emergency response to alarms
  - location and record of personnel under their control
- structure of emergency procedures guidelines
- intervention and control techniques for incidents and emergencies, including:
  - heating
  - fires
  - explosions
  - outburst
  - inrush
- mine environmental risks and controls
- roles of external agencies
- structure, role and responsibilities of the incident control
- types of adverse environmental conditions, hazards and incidents on a mine site, including effects of hot and humid atmospheres
- techniques for communicating and coordinating work activities with others.

Assessment Conditions

Mandatory conditions for assessment of this unit are stipulated below. The assessment must:

- include access to:
  - underground coal mine emergency preparedness and response documentation

- be conducted in a safe environment; and,
- be assessed in the context of this sector's work environment; and,
- be assessed in compliance with relevant legislation/regulation and using policies, procedures and processes directly related to the industry sector for which it is being assessed; and,
- confirm consistent performance can be applied in a range of relevant workplace circumstances.

Where personal safety or environmental damage are limiting factors, assessment may occur in a simulated work 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.

Assessor requirements

Assessors must be able to clearly demonstrate current and relevant industry knowledge and experience to satisfy the mandatory regulatory standards as set out in the Standards for Registered Training Organisations (RTOs) 2015/Australian Quality Training Framework mandatory requirements for assessors current at the time of assessment and any relevant licensing and certification requirements. This includes:

- vocational competencies at least to the level being delivered and assessed
- current industry skills directly relevant to the training and assessment being provided
- current knowledge and skills in vocational training and learning that informs their training and assessment
- formal relevant qualifications in training and assessment
- having knowledge of and/or experience using the latest techniques and processes
- possessing the required level of RII training product knowledge
- having an understanding and knowledge of legislation and regulations relevant to the industry and to employment and workplaces
- demonstrating the performance evidence, and knowledge evidence outlined in this unit of competency, and
- the minimum years of current** work experience after competency has been obtained as specified below in an industry sector relevant to the outcomes of the unit.

It is also acceptable for the appropriately qualified assessor to work with an industry expert to conduct assessment together and for the industry expert to be involved in the assessment judgement. The industry expert must have current industry skills directly relevant to the training and assessment being provided. This means the industry subject matter expert must demonstrate skills and knowledge from the minimum years of current work experience after competency has been obtained as specified below, including time spent in roles related to the unit being assessed:

Industry sector	AQF indicator level***	Required assessor or industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining,	1	1 year

Industry sector	AQF indicator level***	Required assessor or industry subject matter expert experience
Extractive (Quarrying) and Civil Infrastructure	2	2 years
Drilling, Coal Mining, Extractive (Quarrying), Metalliferous Mining and Civil Infrastructure	3-6	3 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.

*Guidance on simulated environments has been stipulated in the Companion Volume Implementation Guide located on VETNet.

**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 a minimum number of site assessments as determined by the relevant industry sector, across various locations.

*** While a unit of competency does not have an AQF level, where a unit is being delivered outside of a qualification the first numeric character in the unit code should be considered as the AQF indicator level for assessment purposes.

Links

Companion Volume Implementation Guide is found on VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272

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