



Australian Government

Assessment Requirements for PUA FIR324 Render hazardous materials incidents safe

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the PUA Public Safety Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements, performance criteria and range of conditions on at least one occasion and includes

- assisting in the establishment, implementation and review of an incident action plan
- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational requirements and demonstrating safe work practices
- collecting and interpreting safety and hazard information
- complying with legislation
- demonstrating safe working practices
- donning, operating in, decontaminating and removing personal protective clothing and equipment
- ensuring mitigation techniques are used
- establishing hazard control zones and decontamination corridors
- following instructions and procedures
- identifying and assessing hazardous materials at an incident
- identifying, selecting, checking, testing and maintaining personal protective clothing and equipment for a range of hazardous materials
- identifying and assessing hazards at an incident
- implementing organisational policies procedures
- interpreting safety and hazard information
- operating breathing apparatus
- undertaking decontamination procedures
- using mitigation techniques
- using response equipment
- working as a team member
- working with a range of information sources to assist in the identification of hazardous materials

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the

requirements of the elements, performance criteria and range of conditions and includes knowledge of

- containment plans
- decontamination principles and procedures
- detection methods and strategies for identifying hazardous materials
- effects on humans exposed to commonly encountered hazardous materials including local and systemic effects of industrial toxins
- hazard mitigation (confinement or containment) techniques including control zones
- information sources used to identify product and provide information for safe handling
- legislation relevant to the organisation and hazardous materials incidents
- main routes of entry of toxins into the human body
- maintenance and testing procedures for breathing apparatus
- methods of identifying hazardous materials
- nature and properties of hazardous materials
- organisational documentation, policies and procedures
- personal protective clothing and equipment procedures - use and limitations for a range of hazardous materials
- principles of incident control
- scene control and site isolation processes and procedures
- support organisations assisting with operations
- types of hazard control zones including
 - area of likely contamination - hot zone
 - area of operations - warm zone
 - controlled exits, entrances, refuges and emergency exits
 - criteria applied to determine the extent of hazardous areas
 - support zone - cold zone
- types of decontamination and decontamination procedures including
 - alternative water decontamination techniques
 - alternative wet decontamination techniques
 - decontamination area including holding area, wash area, disrobing area and rest area
 - decontamination plan and corridor
 - decontamination techniques including emergency, emergency mass and technical decontamination
 - detection strategies applied for decontamination
 - dry decontamination techniques
 - use of breathing apparatus, control boards and Distress Signal Units (DSU)
- use and limitations of workplace exposure standards
- Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational requirements including risk mitigation and safe work practices

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in industry approved simulated workplace operational situations that reflect workplace conditions.

Resources for assessment must include access to

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, equipment, tools and personal protective clothing and equipment currently used in industry
- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

Links

PUA Training Package Companion Volume Implementation Guide is found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=3eca5672-6d5a-410b-8942-810d0ba05bbf>