



Australian Government

Assessment Requirements for PUA FIR404 Inspect dangerous goods facilities

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

- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational requirements
- conducting inspections whilst using relevant regulations, codes and standards as a reference
- determining product information
- establishing location and quantity of dangerous goods and/or hazardous chemicals
- identifying dangerous goods and hazardous chemicals using information sources
- interpreting regulations, codes of practice and industry standards
- locating fire safety systems in a facility's plan and associated documentation including log books and specifications
- producing reports
- reading facility plans and associated documentation such as log books and specifications
- reporting on inspection highlighting any variations
- reviewing documentation and confirming fire safety systems and equipment are being maintained
- verifying actual fire safety systems with a facility plan and associated documentation including comparing documented fire safety system with actual fire safety system
- working with Safety Data Sheets (SDSs)

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 and removal of hazardous materials
- dangerous goods and hazardous chemicals
- difference between packaging and storage of dangerous goods
- fire safety systems including
 - alternative fire suppression systems

- bunding
- cooling water system
- explosion relief devices
- fire and flame detection and alarm systems
- fire emergency control centre or room
- fire hydrant and hydrant booster system
- fire indicator panels, occupant warning and communications systems
- fire resisting elements and compartmentation
- fire sprinkler and sprinkler booster system
- gas and vapour detection and alarm systems
- passive fire protection
- smoke hazard management and ancillary systems
- static water and pump sets
- forms of identification
- information sources including HAZCHEM emergency action code, Chemdata/HAZMAT action guide, safety data sheets, technical specialists, dangerous goods - initial emergency response guide, electronic chemical databases, safe storage and handling information cards, reference texts and international maritime dangerous goods code
- information systems used to identify dangerous goods and/or hazardous chemicals
- means by which products that constitute hazardous chemicals or dangerous goods are classified including United Nations (U.N.) numbers, proper shipping names, product names or trade names, chemical names, chemical abstract service numbers, dangerous goods class labels, packing groups, emergency information panels, , storage manifests, transportation documents,
- organisational documentation including reporting formats
- organisational policies and procedures including procedures for responding to a hazardous materials incident
- Safety Data Sheets (SDSs) including chemical and physical properties, health hazard information, precautions for use, product identity and safe handling information
- special hazards
- systems for hazards associated with chemicals and dangerous goods are identified including class labels, NFPA 704 HAZMAT marking system, ADR hazard identification system, packing groups, HAZCHEM emergency code and Global Harmonised System (GHS).
- Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational requirements including risk mitigation

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.

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 including
 - regulations, codes of practice, industry standards and access to a suitable facility
- 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>