



Australian Government

Assessment Requirements for CPCPFS2021 Connect static storage tanks for fixed fire protection systems

Release: 2

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Modification History

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| Release 2 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.

Duplicate Element and Performance Criteria 1.3 deleted. |
| Release 1 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCPFS2021A Connect static storage tanks for fixed fire protection systems. Updated to meet the Standards for Training Packages 2012. |

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria for this unit by:

- connecting and testing an approved static storage tank to a fire protection pumpset in accordance with the relevant job plans and specifications, codes, Australian Standards, manufacturer's specifications and jurisdictional requirements of a fire protection system
- connecting static storage tank downstream from backflow protection
- applying safety requirements throughout the work sequence, including electrical safety requirements
- communicating and working effectively and safely with others
- installing, setting and confirming operation of quick fill and make up lines and associated valving.

Knowledge Evidence

To be competent in this unit, a person must demonstrate knowledge of:

- characteristics, application and limitations of different pipe fittings and fixture supports:
 - sectional tanks
 - steel or polymer storage tanks
 - tank linings
- processes, procedures and techniques of:
 - construction of fire protection tanks
 - fixing and joining
 - levelling and alignment
 - using measurements and formulas for calculating materials

- pressure test systems
- connecting static storage tanks
- function and operation of a range of valves, including backflow, associated with quick fill and make up lines and pump installations
- functional and operational factors of tools and equipment:
 - cutting
 - hand and power tools
 - lifting and load shifting equipment
 - testing equipment
- operation and components of fire sprinkler system pumpsets
- access relevant information, including job plans and specifications, codes, Australian Standards, manufacturer's specifications and jurisdictional requirements.
- work health and safety (WHS) requirements for connecting static storage tanks for fixed fire protection systems
- installation requirements for connecting static storage tanks for fixed fire protection systems, above and below ground pipework.

Assessment Conditions

Assessors must satisfy the requirements for assessors listed in the Standards for Registered Training Organisations.

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>