



Australian Government

CPCPFS3036 Install special hazard systems

Release: 3

CPCPFS3036 Install special hazard systems

Modification History

- Release 3 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.5.
- Sprinkler and delivery systems removed from the Knowledge Evidence.
 - The word 'purging' replaced by 'cleaning' in the Knowledge Evidence.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.
- Change to Elements and Performance Criteria 2.3.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is equivalent to CPCPFS3036A Install special hazard systems. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to install special hazard extinguishing systems, including decommissioning gaseous agent containers and actuation devices.

All technicians performing work described in this unit that involves the handling of prescribed ozone depleting substances (ODS) and synthetic greenhouse gases (SGG) extinguishing agents must hold an appropriate extinguishing agent handling licence (EAHL).

In some jurisdictions, this unit of competency may form part of accreditation, licensing, legislative, regulatory or certification requirements.

Pre-requisite Unit

CPCPCM2043 Carry out WHS requirements

Unit Sector

Plumbing

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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| 1 Identify installation | 1.1 Obtain, read and apply special hazard systems |
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requirements.		requirements from relevant job plans and specifications, codes, Australian Standards, manufacturer's specifications and jurisdictional requirements.
	1.2	Identify and apply workplace policies and procedures, organisational work health and safety (WHS) and environmental requirements.
2 Prepare for work.	2.1	Create a materials list and collect components.
	2.2	Select and check the serviceability of appropriate tools and equipment including personal protective equipment (PPE).
	2.3	Prepare work area to support efficient installation of special hazard extinguishing systems.
3 Decommission gaseous agent containers and actuation devices.	3.1	Confirm and isolate all interface systems and put in place appropriate signage, lock-off and documentation.
	3.2	Physically disconnect manual, electrical and mechanical actuation devices.
	3.3	Identify and disconnect pneumatic actuation devices and pilot and slave tubes and fittings.
	3.4	Connect transport caps on all outlets, plugs and locking devices, according to manufacturer's specifications.
	3.5	Disconnect container bank manifold connection components.
	3.6	Install transport caps on valve outlets.
	3.7	Organise removal and transportation of gaseous agent containers to storage or reclaim facility.
	3.8	Complete documentation and decommissioning sign-off requirements and confirm with relevant persons.
4 Install and test special hazard systems.	4.1	Set out system and install fixings.
	4.2	Check pipe supports and install pipes, fittings, nozzles and components.

- 4.3 Perform piping system pressure testing.
 - 4.4 Connect cylinder manifold and cylinder hoses.
 - 4.5 Connect cylinder supports and cylinders and secure in brackets.
 - 4.6 Remove transport caps and connect cylinder hoses.
 - 4.7 Connect actuators.
 - 4.8 Complete documentation according to relevant regulatory requirements.
- 5 Clean up.
- 5.1 Clear the work area, and dispose of, reuse or recycle materials in accordance with state and territory legislation and workplace policies and procedures.
 - 5.2 Clean tools and equipment, check for serviceability, and report any damage, and store and secure.

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPCPFS3036A Install special hazard systems.

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>