



Australian Government

CPPFES3045 Install gaseous agent containers and actuators

Release: 1

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Modification History

- Release 1 This version first released with CPP Property Services Training Package Release 13.0.
- Supersedes and is equivalent to CPPFES3045A Install gaseous agent containers and actuators. Unit updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to receive and install gaseous agent containers, manifold connections, actuators and activating mechanisms at client premises. Gaseous agent containers may contain extinguishing agents which are ozone depleting substances (ODS) and synthetic greenhouse gases (SGG).

The unit does not cover any installation, maintenance, replacement or repair functions that are restricted to licensed trades or occupations.

A person who has achieved this unit of competency would be expected to take responsibility for organising and completing these tasks with a high degree of self-direction.

ODS and SGG are gaseous fire-extinguishing agents listed in Schedule 1 of the Ozone Protection and Synthetic Greenhouse Gas Management Act 1989 and by law, can only be handled by people who hold an appropriate extinguishing agent handling licence (EAHL). This unit supports one or more EAHLs prescribed under the Act. For further information, check with the relevant regulatory authority.

Pre-requisite Unit

Nil.

Unit Sector

Fire Protection Inspection and Testing

Elements and Performance Criteria

Elements describe the essential outcomes.

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

- 1 Apply rules and regulations to installation operation.

- 1.1 Interpret work instructions to clarify types of gaseous agent containers and actuators to be installed, installation timeframes and site location.

- 1.2 Discuss planned installation procedures with relevant persons to clarify client needs and expectations.
 - 1.3 Plan work activities to prevent ODS and SGG emissions and comply with relevant Australian Standards, ODS and SGG regulations, work health and safety (WHS) and workplace requirements.
 - 1.4 Identify potential and actual breaches of rules and regulations associated with work instructions and take required action to ensure compliance according to regulatory and workplace requirements.
- 2 Receive system components.
 - 2.1 Check procurement details and specifications of system components and materials against final design documentation and installation drawings.
 - 2.2 Check pre-tested or prefabricated components to ensure they have correct documentation identifying compliance with relevant Australian Standards.
 - 2.3 Conduct quality control checks of materials and components to confirm acceptable condition, and report or rectify identified defects according to workplace requirements.
- 3 Prepare to install gaseous agent containers and actuators.
 - 3.1 Arrange access to worksite and communicate with responsible entity and affected persons to advise duration and impact of planned installation procedures.
 - 3.2 Identify and control hazards in the work area according to workplace requirements.
 - 3.3 Select and use required materials, tools and equipment, including personal protective equipment (PPE).
 - 3.4 Select and assemble required tools, equipment, materials and hardware components at installation site according to workplace requirements.
 - 3.5 Check cylinders to ensure they contain correct quantities of extinguishing agent according to installation specifications.
 - 3.6 Conduct checks to confirm safety measures are in place

prior to the installation process according to workplace requirements.

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| 4 | Install gaseous agent containers and actuators. | 4.1 | Fix support systems, components and fittings according to final design documentation and installation drawings. |
| | | 4.2 | Support containers and fix support frame according to installation drawings and manufacturer requirements. |
| | | 4.3 | Install container manifold and connection components according to manufacturer requirements. |
| | | 4.4 | Remove transport caps, discharge outlet and actuator plugs or caps and locking devices according to manufacturer and workplace requirements. |
| | | 4.5 | Physically check flexible hose connections to ensure they are tight and without kinks. |
| | | 4.6 | Install manual and pneumatic actuators, pilot and slave tubes and fittings safely according to manufacturer and workplace requirements. |
| | | 4.7 | Check pilot and slave tube connections to ensure they are tight and without kinks. |
| | | 4.8 | Set actuators to operate according to manufacturer and regulatory requirements. |
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| 5 | Finalise installation operation. | 5.1 | Complete installation documentation according to Australian Standards, manufacturer, regulatory and workplace requirements. |
| | | 5.2 | Check tools and equipment for faults, wear or damage and rectify or report problems according to workplace requirements. |
| | | 5.3 | Leave client premises in a clean and tidy condition. |

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 CPPFES3045A Install gaseous agent containers and actuators.

Links

Companion volumes to this training package are available at the VETNet website -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>