



**Australian Government**

**Assessment Requirements for CPCPFS3034  
Install control valve assemblies, actuating  
devices and local alarms**

**Release: 2**

# Assessment Requirements for CPCPFS3034 Install control valve assemblies, actuating devices and local alarms

## Modification History

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

Changes to Elements and Performance Criteria 1.1.

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCPFS3034A Install control valve assemblies, actuating devices and local alarms. 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:

- installing and testing a:
  - wet control valve assembly with water motor alarm and automatic jacking pump
  - deluge control valve assembly
  - double interlock pre-action control valve assembly
  - combined riser control valve assembly including flow switch and solenoid test loop.

## Knowledge Evidence

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

- relevant control valve assemblies, actuating devices and local alarms in fire sprinkler systems
- legislation, relevant job plans and specifications, codes, Australian Standards, manufacturer's specifications and jurisdictional requirements
- processes, procedures and techniques of:
  - installing control valve, actuating and alarm components in sprinkler systems
  - pressure testing systems
  - pipe jointing including threading and roll grooving
- functions and operations of the following valves and their components:
  - wet alarm valves and systems
  - deluge alarm valves and systems
  - dry alarm valves and systems

- pre-action and double interlock pre-action alarm valves and systems
- solenoid test loops
- water motor alarms
- jacking pumps
- pressure switches
- flow switches
- pressure gauges
- butterfly valves
- OS&Y valves
- ball valves
- check valves
- strainers
- inspection tees
- how to access relevant information, including relevant job plans and specifications, codes, Australian Standards, manufacturer's specifications and jurisdictional requirements
- tools, materials and equipment used for connecting control valve assemblies, actuating devices and local alarms
- work health and safety (WHS) requirements for connecting control valve assemblies, actuating devices and local alarms
- installation requirements for connecting control valve assemblies, actuating devices and alarms.

## 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>