

Unit of Competency CPCPFS2022

Install portable fire equipment

Application

This unit specifies the skills and knowledge required to install and commission (excluding internal components inspections) of portable fire extinguishers, fire blankets and signage on new or existing, domestic or commercial structures.

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

Prerequisite Unit

CPCPCM2043 Carry out WHS requirements

Elements and Performance Criteria

1. Plan the work.	<p>1.1 Access, read and determine portable fire equipment requirements from relevant job plans and specifications, codes, Australian Standards, manufacturer's specifications and jurisdictional requirements.</p> <p>1.2 Identify and apply workplace, work health and safety (WHS) and environmental requirements.</p> <p>1.3 Identify extinguishing agents, weight and materials.</p> <p>1.4 Calculate and order materials and portable fire equipment.</p> <p>1.5 Determine priorities and plan and sequence tasks with others on site.</p>
2. Prepare for work.	<p>2.1 Create a materials list and collect materials</p> <p>2.2 Check portable fire equipment against relevant job plans and specifications, codes, Australian Standards, manufacturer's specifications and jurisdictional requirements, delivery docket and order form and report faults, as appropriate.</p> <p>2.3 Select and check the serviceability of appropriate tools, equipment and personal protective equipment (PPE).</p> <p>2.4 Prepare work area to support efficient installation of portable fire equipment.</p>
3. Install portable fire equipment.	<p>3.1 Set out installation location ensuring it is free of obstruction.</p> <p>3.2 Perform installation of supports, fixings and signage.</p> <p>3.3 Perform installation and verify working order of portable fire equipment.</p> <p>3.4 Commission installation according to yearly requirement of AS 1851 Routine service of fire protection systems and equipment.</p> <p>3.5 Complete installation or service report and submit within specified timeframes.</p>
4. Clean up.	<p>4.1 Clear the work area, and dispose of, reuse or recycle materials in accordance with state and territory legislation and workplace policies and procedures.</p> <p>4.2 Clean tools and equipment, check for serviceability and report any damage, and store and secure.</p>

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 CPCPFS2022A Install portable fire equipment.

Links

Companion Volume Implementation Guide:

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

Assessment Requirements for CPCPFS2022

Install portable fire equipment

Performance Evidence

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

- preparing for, installing and verifying the working order of the following fire equipment for an office complex (class 5 building):
 - portable water fire extinguisher
 - portable carbon dioxide (CO₂) fire extinguisher
 - portable powder fire extinguisher
 - fire blankets
 - signage.

Knowledge Evidence

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

- processes, procedures and techniques of:
 - installing and commissioning portable fire extinguishers according to regulatory requirements
- characteristic, application and limitation of approved materials and components
- statutory and authorities' requirements related to installing and commissioning portable fire equipment:
- SI system of measurement
- structural systems, building materials and building services related to the installation of fire extinguishers in accordance with AS 2444 Portable fire extinguishers and fire blankets
- extinguishing agents for portable fire extinguishers:
 - water
 - CO₂ gases
 - dry chemical and chemical reaction suppression systems
 - wet chemical
 - foam
- how to access relevant information, including relevant job plans and specifications, codes, Australian Standards, manufacturer's specifications and jurisdictional requirements for the installation and commissioning of portable fire equipment
- tools, materials and equipment used for the installation and commissioning of portable fire equipment
- work health and safety (WHS) requirements for the installation and commissioning of portable fire equipment.

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

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