



Australian Government

Assessment Requirements for CPPCLO4108 Restore fire and smoke-affected structures and contents

Release: 1

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Modification History

- Release 1 This version first released with CPP Property Services Training Package Release 15.0.
- Newly created unit.

Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by:

- completing at least two of the following:
 - restoring two walls and cavities in a fire-affected building structure
 - restoring one timber, one vinyl and one carpeted smoke-affected floor
 - planning the steps required to restore six different smoke-affected household items in a specialised treatment facility.

Knowledge Evidence

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

- aspects of the following relevant to fire and smoke damage restoration:
 - work health and safety (WHS) requirements
 - Safe Work Australia regulations and guidelines
 - job safety analyses (JSAs) and safe work method statements (SWMS)
 - manufacturer instructions and safety data sheets (SDS)
 - IICRC S700 Standard for Professional Fire and Smoke Damage Restoration or Australian equivalent
 - Environment Protection Authority (EPA) and local requirements for prescribed waste disposal
- personal and site security procedures and requirements:
 - site access - security cards, codes and keys
 - areas of the worksite not to be accessed
 - alarm activation and deactivation
 - maintaining client privacy and confidentiality
 - contingencies if personal safety at risk
- building system considerations relevant to fire and smoke restoration:

- structural components - methods of construction and materials
- heating, cooling and ventilation, including heating, ventilation and air conditioning (HVAC) systems
- potential locations of not readily observable damage and odour - behind and under plaster walls, ceilings, pipes, appliances, insulation, panelling, wallpaper, floors, flooring, carpet, cabinetry and interstitial spaces
- types of hazards and risks and ways to control:
 - types of personal protective equipment (PPE) and correct selection, care, use and disposal
 - slips, trips, falls and spills
 - manual-handling techniques when carrying, lifting, pushing and pulling
 - identification and safe practices with asbestos on site
 - correct use of signage, barriers, containment and engineering controls and PPE
 - safe use of electrical equipment
- cleaning principles:
 - cleaning agent, time, agitation and temperature
 - significance of pH value of cleaning agents
 - sequence and direction of cleaning
 - achieve results while doing no harm

unintended consequential damage arising from fire event and mitigation

- factors determining restorability:
 - type of fire and duration of exposure
 - material composition
 - cost of restoration
 - cost of replacement
 - sentimental, legal, artistic, cultural and historical value
 - potential secondary harm and waste created by restoration methods
- situations and procedures for seeking specialist advice:
 - work requiring insurance company approval
 - situations requiring waiver
 - specialised contents such as artwork
 - high value and irreplaceable items
- role, strengths and limitations of specialists who may provide advice:
 - Indoor Environmental Professional (IEP)
 - occupational hygienist
 - building professional
 - insurance representative
 - microbiologist
- types of fire, their characteristics, levels of contamination and damage created:
 - timber, plastics and proteins

- reasons and procedures for removal of items to off-site facility
- impact of time since fire event on restoration
- fire and smoke restoration methods and precautions for surface types:
 - porous
 - semi-porous
 - non-porous
- purpose, action, correct use, precautions, safe handling, storage and disposal of restoration methods and agents:
 - soot removal
 - ozone generators
 - deodorising technologies such as hydroxyls and cold plasma
 - laser ablation, dry ice blasting and soda blasting
 - fogging post treatment
- functions, features, safe operational practices, storage and maintenance of restoration equipment
- types, application and testing methodology
 - swipe, visual and odour testing
- environmentally sustainable work practices and compliance with environmental regulations:
 - ways of minimising negative environmental impact
 - conserving energy and water
 - recycling
 - waste disposal of used materials and remediation agents
 - disposal of prescribed waste.

Assessment Conditions

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

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting where these skills and knowledge would be performed.

Candidates must have access to:

- client work order, instructions or service agreement
- organisational documentation, policies and procedures.

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>