**Qualification Template**

**QUALIFICATION CODE** CPP30819

**QUALIFICATION TITLE** Certificate III in Fire Protection and Safety Measures (Routine Service)

**QUALIFICATION DESCRIPTION**

This qualification reflects the role of a fire protection technician responsible for complex routine servicing and non-trade installation of a range of fire protection systems and equipment and the inspection of fire-related essential safety measures. Routine servicing includes inspection, testing, preventive maintenance and survey activities required by Australian standards including verification that systems and equipment perform in accordance with approved designs. Fire protection technicians do not perform any installation, maintenance, replacement or repair functions that are restricted to licensed trades or occupations.

Fire protection technicians at this level supervise fire protection work. They work under limited supervision and use discretion and judgement in known and unpredictable work contexts. Occupational titles could include:

* senior fire protection technician
* essential safety measure technician
* senior fire equipment service technician
* senior fire service technician
* team leader fire protection.

This qualification is suitable for people wishing to lead the provision of services to meet the fire safety needs of clients and regulatory compliance for a range of fire protection systems and equipment. It provides a pathway to further learning and work in various fire protection and fire and life safety roles and settings including fire safety assessment, certification and auditing.

Technicians who work on fire protection systems and equipment that contain extinguishing agents classified as ozone depleting substances (ODS) or synthetic greenhouse gases (SGG) require an Extinguishing Agent Handling Licence (EAHL) to complete routine service activities. EAHLs are administered and granted by the Fire Protection Industry (ODS and SGG) Board. The qualification also provides the opportunity to obtain the following skill sets, some of which are aligned to EAHLs:

* CPPSS00074 Recharging and hydrostatic testing of portable fire extinguishers containing scheduled agents (EAHL 1)
* CPPSS00075 Install and decommission fixed gaseous fire protection systems containing scheduled agents (EAHL 2)
* CPPSS00076 Routine service of fixed gaseous fire protection systems containing scheduled agents (EAHL 3)
* CPPSS00077 Transfer scheduled agents between fire extinguisher or system container and bulk agent container (EAHL 4)
* CPPSS00078 Maintain integrity of scheduled fire-extinguishing agent bulk containers in a warehouse environment (EAHL 5)
* CPPSS00079 Restricted routine service of fire sprinkler systems
* CPPSS00080 Routine service of unassisted fire hydrant systems
* CPPSS00081 Routine service of gaseous fire-suppression systems
* CPPSS00082 Routine service of non-gaseous pre-engineered fire-suppression systems in buildings
* CPPSS00083 Routine service of pre-engineered fire-suppression systems on mobile and transportable equipment
* CPPSS00084 Routine service of fire detection, alarm and warning systems
* CPPSS00085 Routine service and limited installation of smoke and heat alarms
* CPPSS00086 Routine service of fire extinguishers, fire hose reels, fire blankets and limited fire hydrant systems
* CPPSS00087 Routine service of single point emergency escape lighting and exit signs
* CPPSS00088 Routine service of passive fire and smoke containment equipment and systems
* CPPSS00089 Inspect and verify specific fire safety measures
* CPPSS00090 Inspect, test and verify emergency plans for facilities
* CPPSS00091 Routine service supervisor - fire protection systems and equipment
* CPPSS00092 Routine service of assisted single zone fire hydrant systems

All units in a skill set must be achieved for a Statement of Attainment to be issued for the skill set.

Licensing, legislative, regulatory or certification requirements may apply to this qualification at the time of publication.

**ENTRY REQUIREMENTS**

There are no entry requirements for this qualification.

**PACKAGING RULES**

To achieve this qualification, competency must be demonstrated in:

* 17 units of competency:
	+ 7 core units
	+ 10 elective units.

The elective units must ensure the integrity of the AQF alignment and contribute to a valid, industry-supported vocational outcome and are to be chosen as follows:

* all elective units listed in either of Group A, B, C, D, E, F, G or H must be chosen
* remaining elective units required to meet packaging rules may be chosen as follows:
	+ Up to 8 elective units listed in Group I
	+ Up to 2 elective units listed in Group J
	+ up to 2 elective units may be chosen from the current CPP20518 Certificate II in Fire Protection and Safety Measures (Routine Service).

An asterisk against a unit code listed below indicates that there are prerequisite requirements that must be met when packaging the qualification. Users are referred to the list of units with prerequisite unit requirements available for this purpose in the Training Package Implementation Guide.

**Core units**

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| BSBCUS301 | Deliver and monitor a service to customers |
| BSBWOR301 | Organise personal work priorities and development |
| CPPFPSM2101 | Identify types of installed fire safety equipment and systems |
| CPPFPSM2102 | Apply administrative and record-keeping requirements to planned routine service activities |
| CPPFPSM3103 | Apply work health and safety requirements to identify and control routine service hazards and risks |
| CPPFPSM3104 | Source, extract and interpret baseline data for fire protection systems and equipment |
| CPPFPSM3105 | Develop routine service schedules and compliance records and reports |

**Elective Units**

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| **Group A: Building Fire Safety Systems** |
| CPPFPSM3110 | Inspect and verify fire hazard properties of building linings, materials, assemblies and finishes |
| CPPFPSM3111 | Inspect and verify means of egress from buildings |
| CPPFPSM3112 | Inspect and verify measures that support fire brigade operations |
| CPPFPSM3113\* | Inspect, test and verify facility emergency plans |
| PUAWER003B | Manage and monitor workplace emergency procedures, equipment and other resources |
| **Group B: Fire Sprinkler Systems** |
| CPPFPSM3121 | Conduct monthly and six-monthly service of fire sprinkler systems |
| CPPFPSM3122\* | Conduct monthly and six-monthly service of fire pumpsets |
| CPPFPSM3124 | Inspect and evaluate the condition and installation of fire sprinkler systems |
| CPPFPSM3128 | Conduct routine service of fixed fire protection atmospheric water supply tanks |
| CPPFPSM3146 | Isolate and reinstate functions on fire indicator panels |
| **Group C: Unassisted Fire Hydrant Systems** |
| CPPFPSM3119 | Conduct six-monthly and limited yearly service of fire hydrant systems |
| CPPFPSM3120 | Conduct yearly survey of fire hydrant systems |
| CPPFPSM3126 | Conduct water flow testing from fire hydrants using portable flow measuring devices |
| **Group D: Assisted Fire Hydrant Systems** |
| CPPFPSM3119 | Conduct six-monthly and limited yearly service of fire hydrant systems |
| CPPFPSM3120 | Conduct yearly survey of fire hydrant systems |
| CPPFPSM3122\* | Conduct monthly and six-monthly service of fire pumpsets |
| CPPFPSM3126 | Conduct water flow testing from fire hydrants using portable flow measuring devices |
| CPPFPSM3127 | Conduct water flow testing using externally mounted ultrasonic flow meters |
| CPPFPSM3128 | Conduct routine service of fixed fire protection atmospheric water supply tanks |
| CPPFPSM3146 | Isolate and reinstate functions on fire indicator panels |
| **Group E: Fire Detection, Alarm and Warning Systems** |
| CPPFPSM3140 | Conduct monthly service of fire detection and alarm and emergency warning systems |
| CPPFPSM3141 | Conduct yearly service of fire detection and alarm systems |
| CPPFPSM3142 | Conduct routine service and limited installation of smoke and heat alarms |
| CPPFPSM3145 | Conduct yearly service of emergency warning and intercommunication systems |
| **Group F: Gaseous Fire-Suppression Systems** |
| CPPFPSM3141 | Conduct yearly service of fire detection and alarm systems |
| CPPFPSM3165 | Decommission installed gaseous agent containers and actuators |
| CPPFPSM3166 | Conduct routine service of gaseous fire-suppression systems |
| CPPFPSM3167 | Conduct routine service of fire detection controls for fixed installed special hazard systems |
| **Group G: Non-Gaseous Fire Suppression Systems** |
| CPPFPSM2127 | Conduct routine service of fixed installed non-gaseous pre-engineered fire-suppression systems |
| CPPFPSM3161 | Adapt, install and commission pre-engineered fire-suppression systems for cooking equipment |
| **Group H: Passive Fire and Smoke Systems** |
| CPPFPSM3150 | Conduct three and six-monthly service of doors installed to contain fire and smoke |
| CPPFPSM3151 | Conduct yearly service of fire and smoke stopping products and systems |
| CPPFPSM3152 | Conduct yearly service of fireproofing materials and systems |
| CPPFPSM3153 | Conduct yearly service of fire shutters |
| **Group I: Technical Electives** |
| CPPFPSM2140 | Safely handle, store and transport gaseous containers used in the fire protection industry |
| CPPFPSM2143 | Apply regulations to prevent ozone depleting substance and synthetic greenhouse gas emissions |
| CPPFPSM3106 | Interpret and communicate regulatory and administrative requirements for routine service activities |
| CPPFPSM3110 | Inspect and verify fire hazard properties of building linings, materials, assemblies and finishes |
| CPPFPSM3111 | Inspect and verify means of egress from buildings |
| CPPFPSM3112 | Inspect and verify measures that support fire brigade operations |
| CPPFPSM3113\* | Inspect, test and verify facility emergency plans |
| CPPFPSM3114 | Apply building code and regulatory requirements to planned work activities |
| CPPFPSM3118 | Conduct six-monthly service of fire hydrant systems |
| CPPFPSM3124 | Inspect and evaluate the condition and installation of fire sprinkler systems |
| CPPFPSM3125\* | Conduct water flow testing of fire-suppression systems using fixed flow measuring devices |
| CPPFPSM3129 | Conduct routine service of fixed foam-generating equipment |
| CPPFPSM3130 | Conduct routine service of portable fire monitors |
| CPPFPSM3135 | Conduct six-monthly and yearly service of single point emergency escape lighting and exit signs |
| CPPFPSM3140 | Conduct monthly service of fire detection and alarm and emergency warning systems |
| CPPFPSM3141 | Conduct yearly service of fire detection and alarm systems |
| CPPFPSM3142 | Conduct routine service and limited installation of smoke and heat alarms |
| CPPFPSM3143 | Conduct five-yearly service of fire detection and alarm and emergency warning systems |
| CPPFPSM3144\* | Conduct battery testing for fire detection, alarm, intercommunication and warning systems |
| CPPFPSM3145 | Conduct yearly service of emergency warning and intercommunication systems |
| CPPFPSM3146 | Isolate and reinstate functions on fire indicator panels |
| CPPFPSM3150 | Conduct three and six-monthly service of doors installed to contain fire and smoke |
| CPPFPSM3151 | Conduct yearly service of fire and smoke stopping products and systems |
| CPPFPSM3152 | Conduct yearly service of fireproofing materials and systems |
| CPPFPSM3153 | Conduct yearly service of fire shutters |
| CPPFPSM3154 | Conduct yearly service of fire windows |
| CPPFPSM3155 | Install and certify fire and smoke stopping products and systems |
| CPPFPSM3160 | Adapt, install and commission vehicular pre-engineered fire-suppression systems |
| CPPFPSM3161 | Adapt, install and commission pre-engineered fire-suppression systems for cooking equipment |
| CPPFPSM3162 | Conduct enclosure integrity testing |
| CPPFPSM3163 | Determine installation requirements for gaseous fire-suppression systems |
| CPPFPSM3164 | Receive and install gaseous agent containers and actuators |
| CPPFPSM3165 | Decommission installed gaseous agent containers and actuators |
| CPPFPSM3166 | Conduct routine service of gaseous fire-suppression systems |
| CPPFPSM3167\* | Conduct routine service of fire detection controls for fixed installed special hazard systems |
| CPPFPSM3168 | Conduct routine service of fire detection and controls for vehicular based special hazard systems |
| CPPFPSM4109 | Coordinate yearly fire protection systems interface tests |
| PUAWER003B | Manage and monitor workplace emergency procedures, equipment and other resources |
| **Group J: Non-Technical Electives** |
| BSBFLM303 | Contribute to effective workplace relationships |
| BSBFLM305 | Support operational plan |
| BSBFLM306 | Provide workplace information and resourcing plans |
| BSBFLM309 | Support continuous improvement systems and processes |
| BSBFLM311 | Support a workplace learning environment |
| BSBFLM312 | Contribute to team effectiveness |
| HLTAID003 | Provide first aid |
| TLID1001 | Shift materials safely using manual handling methods |

**QUALIFICATION MAPPING INFORMATION**

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| **Code and Title** | **CPP07 Property Services Training Package** | **Comments** | **Equivalency statement** |
| CPP30819 Certificate III in Fire Protection and Safety Measures (Routine Service) | CPP30811 Certificate III in Fire Protection Inspection and Testing | Supersedes and is non-equivalent to CPP30811 Certificate III in Fire Protection Inspection and Testing  | N |

**LINKS**

An Implementation Guide to this Training Package is available at:

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>