

CPC32820 Certificate III in Fire Protection

Training

Do you want to become a fire sprinkler fitter?

You might be currently working in the fire protection industry and seeking to expand your skills or working in another trade and looking for a change. Our course will provide you with the technical skills to become a trade qualified fire sprinkler fitter in residential, commercial and industrial applications.

As a leading provider of training in the fire protection field, and with direct links to industry and expert trainers and assessors Axiom Compliance Learning's program will equip you with the skills and knowledge to succeed in your role as a Fire Sprinkler Fitter.

Once completed, graduates can apply for accreditation under the Fire Protection Accreditation Scheme in NSW.

Course Description

This qualification reflects the trade-qualified role of a person installing, testing, maintaining, routine service and repairing a range of fire protection systems.

You will learn how to:

- ✓ Fit domestic and residential safety sprinkler systems
- ✓ Test and maintain fire hydrant and hose reel systems
- ✓ Design pre-calculated fire sprinkler systems
- ✓ Work with small and large water services
- ✓ Activate devices and local alarms and install special hazard systems
- ✓ Inspect and test control and indicating equipment

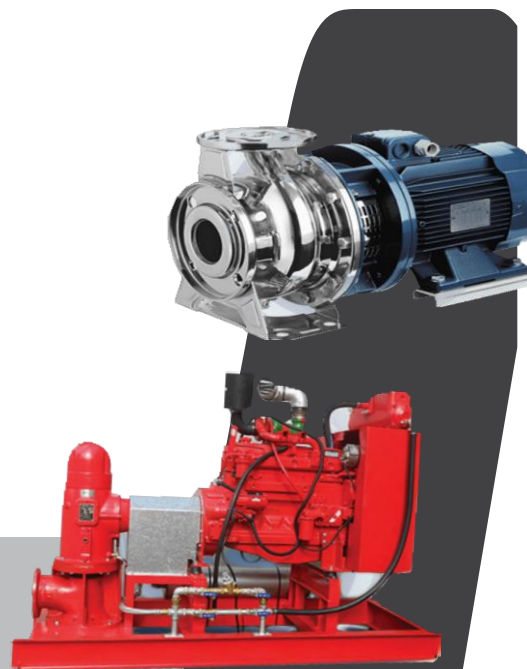
Standards Units Completed in Certificate III in Fire Protection with Axiom Compliance Learning

The course is made up of **37** units of competency – **32** core units and **5** elective units.

Competency must be achieved in each unit to gain the Full Qualification.

Core Units

CPCPCM2045	Handle and store plumbing materials
CPCPCM2046	Use plumbing hand and power tools
CPCPCM2039	Carry out interactive workplace communication
CPCPCM2041	Work effectively in the plumbing and services sector
CPCPCM2040	Read plans, calculate quantities and mark out materials
CPCPCM2043	Carry out WHS requirements
CPCPCM2047	Carry out levelling
CPCPCM2049	Cut using oxy-acetylene equipment
CPCPCM2052	Weld mild steel using oxy-acetylene equipment
CPCPCM2053	Weld using metal arc welding equipment
CPCPCM3023	Fabricate and install non-ferrous pressure piping
CPCPFS2021	Connect static storage tanks for fixed fire protection systems
CPCPFS3030	Design fire sprinkler systems using pre-calculated charts and tables
CPCPFS3031	Fabricate and install fire hydrant and hose reel systems
CPCPFS3034	Install control valve assemblies, actuating devices and local alarms
CPCPFS3036	Install special hazard systems
CPCPFS3037	Install residential life safety sprinkler systems
CPCPFS3038	Test and maintain fire hydrant and hose reel installations



CPCPFS3040	Conduct basic functional testing of water-based fire-suppression systems
CPCPFS3041	Inspect and test fire pumpsets
CPCPFS3042	Conduct annual routine service of complex water-based fire-suppression systems
CPCPFS3043	Conduct functional water flow testing
CPCPFS3044	Install distribution and range pipes
CPCPFS3045	Fit off sprinkler heads, controls and ancillary equipment
CPCPFS3046	Test the integrity of water-based fire protection systems using pressure
CPCPFS3047	Test and maintain automatic fire sprinklers
CPCPFS3048	Install fixed fire pumpsets
CPCPMS3031	Fabricate and install steel pressure piping
CPCPWT3028	Install property service
CPPFES2025A	Inspect, test and maintain gaseous fire-suppression systems
CPPFES2043A	Prevent ozone depleting substance and synthetic greenhouse gas emissions
CPPFES2047A	Inspect and test control and indicating equipment

Elective Units *

CPCPFS2022	Install portable fire equipment
CPCPFS3049	Conduct preventive maintenance on fixed fire pumpsets
CPCPWT3025	Install water pumpsets
CPCPCM3024	Prepare simple drawings
CPPCMN2002	Participate in workplace safety arrangements

*Electives may differ depending on current work role and previous work history.
Selection is negotiated with the student prior to enrolment.

Course Delivery & Duration

Our program is designed to be delivered predominantly in the workplace, through a combination of workplace activities, online learning and small group sessions. The program can be undertaken as an apprenticeship to eligible participants.

We acknowledge that the target group for this course is people who are currently employed and we take pride in being able to deliver a flexible, tailored program that works around you whilst retaining without compromising the integrity of the qualification.

The expected duration of the program is 2 years full time or 3 years part time, however this will depend on the prior experience and existing skills and knowledge of the student. In instances where the course is delivered as an Apprenticeship, it would be delivered over a period of approximately 3 years.

Entry Requirements

There are no formal entry requirements, however as the program is delivered in the workplace you must be employed in a related role within the fire protection industry and have access to the necessary resources and equipment to enable training and assessment to be undertaken. On enquiry for the course, we will provide you with a comprehensive checklist of what is required.

In addition you will be required to:

- ✓ Have completed year 10 or equivalent
- ✓ Be able to read and write in English to the level required of the job
(evidenced by holding a trade qualification or IELTS 6.0 or equivalent)
- ✓ Have a reasonable level of physical fitness to handle the physical demands of the job including manual handling of equipment, accessing small spaces and climbing ladders
- ✓ Have digital literacy skills and IT equipment required to be able to effectively engage in online learning

This course requires evidence of previous experience or study in the fire protection field or trade-related field.

Prior to enrolment we will conduct a pre-screening interview and LLN assessment to determine whether the course is right for you. Axiom Compliance Learning is committed to meeting the learning needs of each of its learners and will support all enrolled students throughout their learning journey to provide the best opportunities for success.

Licensing & Regulatory Information

This course is delivered and assessed in accordance with the requirements of Fire Protection Accreditation Scheme, FPAS, NSW Fire Regulations and Building and Planning Regulations. For licensing requirements in other States and Territories, students are advised to contact the relevant authority.

Regulatory, licensing and legislative requirements will be outlined in each unit of competency. Axiom Compliance learning will ensure that delivery and assessment incorporates the appropriate Regulatory, licensing and legislative requirements for NSW.

Assessments may be contextualized to reflect local skill needs and industry requirements. Any contextualisation must ensure the integrity of the outcome of the unit of competency is maintained.

Completion and Pathways after Completion

On successful completion of the course you will be awarded the nationally accredited qualification CPC32820 Certificate III in Fire Protection (Release 4)

Graduates of the program are considered to be qualified sprinkler fitters and can go on to work in that field.

This qualification includes units of competency common to other qualifications in the plumbing industry as well as specialist fire protection units and can provide a pathway to further learning and work in the fire protection industry.

Course Fee

Smart & Skilled Funded*: **Fee-Free training in 2023** As an approved Smart and Skilled provider, Axiom Compliance Learning is currently able to offer training to students who enrol and commence training before **31 December 2023 at no cost to the student (or their employer) through the NSW Government's Fee Free Initiative. Limited Places Available**

Training under NSW Fee Free is fee-free and fully funded by the NSW and Commonwealth governments.

* eligibility criteria apply. You must be:

- 15 years or over
- no longer at school
- living or working in NSW
- an Australian citizen, permanent resident, humanitarian visa holder or New Zealand citizen

Visit <https://education.nsw.gov.au/skills-nsw/students-and-job-seekers/low-cost-and-free-training-options/smart-and-skilled-training> for more information

Apprenticeship: \$0

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