



Axiom
Compliance Learning

CPC32820 Certificate III in Fire Protection



**Enriching
Industry
Standards**

CPC32820 Certificate III in Fire Protection

Thank you for considering Axiom Compliance Learning for your training needs. This Certificate III in Fire Protection is a unique opportunity for Fire Protection Technicians. This course is tailored to equip you with the necessary skills for conducting non-trade inspections, testing, and maintaining complex fire protection system servicing relating to hydrants, pumps, water suppression systems, fire-indicating panels, and gaseous fire-suppression systems, making it comprehensive and valuable training for professionals in this field.

Our course is not just about theoretical knowledge. It's about developing practical competencies that are directly applicable to your work. The focus is on the FPAS Qualified Accreditation test and inspect categories 1. Fire Sprinkler Systems, 2. Fire Pumpsets 3. Fire Hydrants Systems 4. Fire Detection and Alarm Systems 5. Gaseous fire suppression systems. This means you'll be equipped with the skills you need to excel in your role.

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

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

Occupational titles could include:

Fire sprinkler fitter tradesperson

Fire sprinkler fitter.

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.

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 is to 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.



LICENSING/REGULATORY INFORMATION

All work must adhere to applicable legislation and industry standards in this field. It's worth noting that certain installation, replacement, maintenance, and repair functions may only be performed by licensed trades or occupations and not by technicians. Regulatory mechanisms differ between states and territories, so students should confirm any regulatory limitations that may apply in their specific location. By staying informed about regulatory requirements and industry standards, technicians can ensure that they provide the best possible service while also complying with regulations and promoting safety.

UNITS COVERED

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-LPG-acetylene equipment
CPCPCM2052*	Weld 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
CPPFES2025	Inspect, test and maintain gaseous fire-suppression systems
CPPFES2043	Apply regulations to prevent ozone depleting substance and synthetic greenhouse gas emissions
CPPFES2047	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



TRAINING RECOGNITION

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PROGRAM OUTLINE

Blended Learning (also known as hybrid learning) is a teaching method that integrates technology-based online learning with traditional instructor-led face-to-face classroom activities and practical tasks.

FACE-TO-FACE TRAINING

The course is delivered in 9 days of face-to-face training designed in blocks with the student in mind.

To ensure the quality of the training, the number of participants in each course is limited to 8.

Venue 44 Gindurra Road Somersby NSW 2250.

ONLINE LEARNING

Online learning is completed in and out of the course, where students research, prepare and submit their assessments via the Learning Management System (LMS). Students will research, develop procedures, and employ templates with the available resources based on genuine work performances for evaluation purposes. Students will complete interactive online quizzes corresponding to the covered subjects. To research the answers, students can refer to the course training materials, notes & other relevant references.

PRACTICAL TASKS

Students' practical tasks require them to develop various documents, service reports, and outcomes found in the industry. Tasks will be performed in the course in front of the trainer/assessor and the workplace. The training is structured logically to enable a step-by-step learning process. The activities are presented clearly. They are directly linked to the course and industry information, allowing assessors to ascertain that students can competently apply their knowledge and skills. The course duration is flexible, with students having up to 12 months to complete workplace tasks. To assist students in their learning journey, Axiom Compliance Learning offers the expertise of highly skilled and motivated trainers and assessors with current industry experience. These professionals create an interactive, engaging, and supportive learning environment to facilitate learning. Additionally, the student management team is readily available to assist with questions and offer support with online coursework, ensuring that students receive the necessary guidance to succeed in their studies.

COMPUTER SKILLS

Students need to be able to use common office programs such as Microsoft Word, Excel and Web browsers.



STUDY WITH AXIOM COMPLIANCE LEARNING

Detailed student information on our website. We encourage all students to take advantage of the opportunity to review this essential information carefully.

- Register For Enrolment
- Fees and Payment
- Student Support Services
- Unique Student Identifier (USI)
- Student's Rights and Responsibilities
- Student's Language Literacy, Numeracy and Computer Skills (LLND)
- Recognition of Prior Learning (RPL) and Credit Transfer (CT)
- Student eLearning Platform
- Forms and FAQs
- Student Video Library
- Prepare for Training
- Our Continuous Improvement of Service
- Location Details

COMPLETION

Students will be awarded a Full Qualification upon successfully meeting all the requirements.

VENUE

Due to the size and complexity of the training equipment, this specific course is only facilitated at 44 Gindurra Road Somersby NSW 2250.

Axiom Compliance offers face-to-face training at multiple locations across Australia and can provide onsite training for students across the country.

