

## CPP30821: CERTIFICATE III IN FIRE PROTECTION INSPECTION AND TESTING

# GASEOUS FIRE SUPPRESSION SYSTEMS COURSE

This specialised course covers routine service of gaseous fire suppression systems whilst offering participants a qualification at certificate III level. The course is delivered in the workplace with support from industry experts

### Who's it for?

This course is for experienced routine service technicians employed in the fire protection industry who require a Certificate III qualification.

### Are there any special requirements needed to take this course?

- Participants must be employed in the fire industry and have either:
  - o a minimum of 12 months experience in the routine servicing of fire protection equipment or systems; or
  - o have experience and skills in a plumbing, electrical or fire related job role.
- The ability to conduct routine servicing of a range of complex gaseous fire suppression systems under supervision at multiple sites is required.

- Participants require access to a personal computer or tablet and have basic computer skills to enable use of the on-line learning system.

### What if I already have experience?

- Our Recognition of Prior Learning (RPL) Pathway is designed for individuals who have acquired skills and knowledge working in the fire industry or via other learning.
- The RPL pathway is designed to recognise existing skills and knowledge without having to undertake formal training.
- Participants can undertake this course via an RPL pathway.
- Eligibility for the RPL pathway is determined on a case by case basis, centred around an individual's experience and availability of evidence to demonstrate competency.
- For more details on the RPL pathway visit [www.fia.edu.au/rpl](http://www.fia.edu.au/rpl).

### What does the course cover?

The course provides participants with advanced skills and knowledge in the non-trade installation, commissioning and complex servicing of gaseous fire suppression systems. The following areas are included:

- Interpret design requirements and install and decommission containers and actuators
- Undertake routine service on control and indicating equipment
- Monthly, six-monthly and yearly routine service of mechanical functions of gaseous fire suppression systems
- Understanding key Australian standards, regulations and codes related to routine servicing of fire protection systems and equipment and environmental protection
- Maintaining workplace health and safety
- Ability to organise work schedules, complete tasks safely and efficiently and provide effective customer service
- Ability to discuss servicing needs with clients for a range of fire protection systems and equipment

### What are the benefits of taking this course?

- The course provides technicians with an opportunity to develop skills in the design, installation, commission and routine service of specialised gaseous fire suppression systems, creating opportunities for career progression
- Technicians will gain knowledge of the operation of specialised fire suppression systems and develop skills to prevent accidental release of ozone depleting substances and synthetic greenhouse gases used in the fire suppression systems.
- Provides a detailed understanding of the operation of gaseous fire suppression systems and the ability to determine compliance with the design and performance requirements

### How long does it take?

The course is self-paced and typically takes 12-18 months to complete. Participants are required to complete the course within 24 months of enrolling.



### How is the course delivered?

- The course is delivered in the workplace via a distance-based delivery model and supported by an online learning system.
- Participants are supported throughout the learning process by our industry experts.

### How does the course link to Licensing or Accreditation requirements?

- This course will meet licensing and accreditation requirements that have a Certificate III in Fire Protection Inspection and Testing as one of the application requirements.
- Participants will be eligible to apply for an Extinguishing Agent Handling Licence (Entitlement 2 and 3) at the completion of the course.
- In some states and territories, a licence or accreditation may be required to undertake fire protection work.
- Visit [www.fia.edu.au/advice](http://www.fia.edu.au/advice) for information on state and territory requirements or complete our course enquiry form and let us demystify licensing and accreditation requirements and identify your training needs.

### Additional training opportunities

On completion of this course, participants may choose to enrol in other courses that cover servicing of other fire protection systems and equipment or select from any of our professional development courses



### How do I enrol?

Further information on course fees and enrolment details can be found at [www.fia.edu.au/courses](http://www.fia.edu.au/courses)

### Course outcomes

On successful completion of this course, participants will be awarded **CPP30821 Certificate III in Fire Protection Inspection and Testing**. The course includes the following units of competency:

| Unit Code  | Description   |
|------------|---|
| BSBPEF301  | Organise personal work priorities   |
| BSBLDR301  | Support effective workplace relationships   |
| BSBOPS304  | Deliver and monitor a service to customers  |
| CPCPCM2043 | Carry out WHS requirements  |
| CPPCMN2002 | Participate in workplace safety arrangements  |
| CPPFES2003 | Safely moving loads and dangerous goods   |
| CPPFES2004 | Identify types of installed fire safety equipment and systems                                 |
| CPPFES2005 | Demonstrate first attack firefighting equipment   |
| CPPFES2006 | Prepare for installation and service operations   |
| CPPFES2007 | Maintain quality of work and promote continuous improvement                                   |
| 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   |
| CPPFES3044 | Interpret installation requirements for gaseous fire-suppression systems                      |
| CPPFES3045 | Install gaseous agent containers and actuators  |
| CPPFES3046 | Decommission gaseous agent containers and actuators   |