



ROUTINE SERVICE OF PRE-ENGINEERED FIRE SUPPRESSION SYSTEMS (NON GASEOUS)

This course covers the skills and knowledge required to undertake routine servicing of pre-engineered fire suppression systems (non gaseous) in accordance with relevant Australian Standards and manufacturers specifications.

Who's it for?

This course is for routine service technicians employed in the fire protection industry looking to learn new skills to gain a promotion and enhance career opportunities. Experienced technicians can use the course to top up and validate existing skills and knowledge.

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 mechanical or plumbing related job role.

- The ability to conduct routine servicing of pre-engineered fire suppression systems (non gaseous) 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?

- Training for this course is delivered in the workplace via self paced learning. This method allows participants to choose how much training they undertake prior to assessment.
- Experienced individuals can proceed direct to assessment or refresh their existing skills and knowledge by reviewing the provided learning materials prior to undertaking the required assessments.
- To select this pathway, enrol in the training course and proceed to assessment when you are ready.



What does the course cover?

The course provides participants with the skills and knowledge to undertake routine service activities on gaseous fire suppression systems and covers the following areas:

- Routine service of pre-engineered, foam, wet chemical, powder or water mist systems installed to protect commercial cooking equipment, fixed plant or industrial vehicles
- Knowledge of the types and operation of pre-engineered fire suppression systems (non gaseous)
- Identification of defects and impediments that affect system performance
- Documentation and reporting of results
- Working safely including identifying hazards and risks associated with testing.
- Application of manufacturer's requirements and standards for routine service of proprietary systems to verify system performance

What are the benefits of taking this course?

- The course provides technicians with an opportunity to develop skills in the routine service of specialised and complex fire protection systems,

creating opportunities for career progression

- Provides the skills and knowledge to competently perform routine service activities on pre-engineered fire suppression systems
- Technicians will gain knowledge of the operation of specialised fire suppression systems and develop skills to safely and efficiently test and verify the operation of systems

How long does it take?

- The course is self-paced and typically takes 3 months to complete.
- Participants are required to complete the course within 6 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?

- Completion of this course will assist participants meet the requirements of accreditation and licensing in the fire protection industry when combined with other courses.
- The course provides the technical units required for FPAS Inspect and Test category 6 (Pre-engineered Fire Suppression Systems – Complex).
- In some states and territories, a licence or accreditation may be required to undertake fire protection work.

- Visit 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

This course provides the skills for routine servicing of pre-engineered fire suppression systems. Manufacturers and other non-accredited training covering the design, installation and repair of pre-engineered fire suppression systems may be of benefit to participants after completing this course.

How do I enrol?

Further information on course fees and enrolment details can be found at www.fia.edu.au/courses

Course outcomes

On successful completion of this course, participants will be awarded a **Statement of Attainment** for the following units of competency:

Unit Code	Description
CPPFES2027	Inspect, test and maintain non-gaseous pre-engineered fire-suppression systems