

TRAINING COURSE

CLASSROOM & WORKPLACE BASED LEARNING



Fire Protection
Association Australia
Life. Property. Environment.

WATER BASED FIRE SYSTEMS FUNDAMENTALS OF TESTING WATER BASED FIRE SYSTEMS



KEY BENEFITS

- On successful completion, participants will have the fundamental skills and knowledge to undertake the routine service of:
 - Fire Sprinkler Systems (monthly, six monthly and yearly activities excluding water supply proving tests)
 - Fire Pumpsets (monthly and six monthly activities); and
 - Fire Hydrant Systems (monthly, six monthly and yearly activities excluding water supply proving tests)
- Training will be conducted at a dedicated training centre with access to a variety of systems and equipment.
- All participants will be provided with printed course manuals to take away for future reference.

WHO IS THE COURSE FOR?

The course is for anyone currently working in the fire protection industry who wants to develop the skills and knowledge to effectively carry out routine service of water based fire systems.

WHAT DOES THE COURSE COVER?

- Routine servicing of:
 - Fire sprinkler systems – monthly, six monthly and yearly excluding water supply proving tests.
 - Fire pumpsets – monthly and six monthly.
 - Fire hydrant systems – monthly, six monthly and yearly excluding water supply proving tests.
- An understanding of applicable legislation, codes and standards.
- Knowledge of the principles of operation and purpose of water based fire systems and their components.
- Working safely including identifying hazards and risks associated with testing.
- Identification and reporting of defects, correct use of logbooks and reporting to clients.

WHAT EXPERIENCE OR TRAINING MUST BE COMPLETED BEFORE ENROLLING IN THIS COURSE?

Applicants must have participated in testing activities with an experienced water based fire systems tester at a minimum of ten sites before attending the classroom / workshop session.



NATIONALLY RECOGNISED
TRAINING

RTO Code: 20851

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ARE THERE ANY RESTRICTIONS APPLICABLE TO THE COURSE?

All participants in this course are required to:

- Be employed by a fire protection company.
- Work under the supervision / mentoring of an experienced water based fire systems tester.
- Have access to a range of facilities to undertake on-the-job testing on a variety of systems with different configurations.

HOW LONG DOES IT TAKE?

The course duration is three months. This includes four days of classroom based training at a recognised training facility at the commencement of the course. This is followed by on-the-job supervised training and concludes with a one day assessment session held at a recognised training facility. Participants will be required to attend the recognised training facility to undertake both the training and assessment components of this course.

HOW IS THE COURSE DELIVERED?

The course is delivered in five stages and includes the following learning and assessment activities:

- **Stage 1** – Self-study of workplace health and safety and routine service preparation activities.
- **Stage 2** – Classroom / workshop training at designated training facility.
- **Stage 3** – On-the-job routine service activities completed under supervision.
- **Stage 4** – Completion of online knowledge tests and exercises.
- **Stage 5** – Theory and practical assessments at a designated training facility.

IS THERE ANY SPECIFIC EQUIPMENT OR RESOURCES REQUIRED TO COMPLETE THE COURSE?

- Participants are required to have access to a range of water based fire suppression systems to complete the following routine service activities under the supervision of an experienced water based fire systems tester:
 - 30 “monthly” tests on fire sprinkler systems. At least 10 of these tests must be on systems that incorporate a pumpset;
 - 5 “six-monthly” tests on fire sprinkler systems that incorporate flow switches connected to a Fire Indicator Panel;
 - 5 “yearly” tests on fire sprinkler systems; and
 - 5 “six-monthly” tests and 5 “yearly” tests on fire hydrant systems.

- Participants will be required to have access to a mobile phone, tablet or computer to:
 - enable the uploading of photos of service records to confirm completion of each of the required on-the-job testing activities; and
 - complete the online knowledge tests and exercises.

WHAT IF I'M ALREADY EXPERIENCED?

Recognition of existing skills and knowledge may be achieved by enrolling in the Experienced Recognition Program. Details are available at www.fpa.com.au/training

IS THE COURSE LINKED TO ACCREDITATION?

On completion, participants may be entitled to apply for Qualified Accreditation under the Fire Protection Accreditation Scheme (FPAS) in the following categories:

- Inspect & Test – Fire sprinkler systems (Routine)
- Inspect & Test – Fire pumpsets (Routine)
- Inspect & Test – Fire hydrant systems (Routine)

Note: FPAS accreditation requires completion of the FPAS Common Units course or equivalent.

ARE THERE ANY LICENCE RESTRICTIONS I NEED TO KNOW ABOUT?

Some states and territories require technicians to hold additional qualifications not covered by this training course. Further information is available on the FPA Australia website, or contact your local regulating body.

FURTHER TRAINING

- On completion participants will be eligible to enrol in the *Advanced Testing of Water Based Fire Systems* training course which covers water supply proving tests for fire sprinkler systems and fire hydrant systems and flow testing of fire pumpsets.
- This course includes units of competency from CPP20511 – *Certificate II in Fire Protection Inspection and Testing*. On successful completion of the course participants can apply for credit towards completing the full qualification. Contact the FPA Australia training department to find out what other training would be required to be eligible for a qualification.
- All Units of Competency included in this course are listed on the course information page on the FPA Australia website.

HOW DO I ENROL?

For more information, including course dates, fees and enrolment details, go to www.fpa.com.au/training