



LICENCE CLASSES

SPRINKLER AND SUPPRESSION SYSTEMS (RETICULATED WATER BASED) LICENCES

Licence Classes

- (1) Certify.
- (2) Certify - restricted to commercial or industrial type
- (3) Certify - restricted to domestic or residential type
- (4) Install and maintain
- (5) Install and maintain - restricted to commercial or industrial type
- (6) Install and maintain - restricted to domestic or residential type
- (7) Inspect and test

Scope of work

- (a) For the licence class mentioned in section 1. above certify, inspect and test —
 - (i) reticulated water based fire suppression systems or fire sprinkler systems which are of a commercial or industrial type designed in accordance with AS 2118.1 – 1999; and
 - (ii) reticulated water based fire suppression systems or fire sprinkler systems which are of a domestic type designed in accordance with AS 2118.5 – 1995 or of a residential type designed in accordance with AS 2118.4 1995, to a maximum height of 4 storeys.
- (b) For the licence class mentioned in section 2. above — certify, inspect and test reticulated water based fire suppression systems or fire sprinkler systems which are of a commercial or industrial type designed in accordance with AS 2118.1 – 1999.
- (c) For the licence class mentioned in section 3. above — certify, inspect and test reticulated water based fire suppression systems or fire sprinkler systems which are of a domestic type designed in accordance with AS 2118.5 – 1995 or of a residential type designed in accordance with AS 2118.4 1995, to a maximum height of 4 storeys.
- (d) For the licence class mentioned in section 4. above install and maintain —
 - (i) reticulated water based fire suppression systems or fire sprinkler systems which are of a commercial or industrial type designed in accordance with AS 2118.1 – 1999; and
 - (ii) reticulated water based fire suppression systems or fire sprinkler systems which are of a domestic type designed in accordance with AS 2118.5 – 1995 or of a residential type designed in accordance with AS 2118.4 1995, to a maximum height of 4 storeys.
- (e) For the licence class mentioned in section 5. above install and maintain reticulated water based fire suppression systems or fire sprinkler systems which are of a commercial or industrial type designed in accordance with AS 2118.1 – 1999.
- (f) For the licence class mentioned in section 6. above — install and maintain reticulated water based fire suppression systems or fire sprinkler systems which are of a domestic type designed in accordance with AS 2118.5 – 1995 or of a residential type designed in accordance with AS 2118.4 1995, to a maximum height of 4 storeys.

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Scope Amendment	
Technical Amendment	

- (g)** For the licence class mentioned in section 7. above inspect and test —
- (i) reticulated water based fire suppression systems or fire sprinkler systems which are of a commercial or industrial type designed in accordance with AS 2118.1 – 1999; and
 - (ii) reticulated water based fire suppression systems or fire sprinkler systems which are of a domestic type designed in accordance with AS 2118.5 – 1995 or of a residential type designed in accordance with AS 2118.4 1995, to a maximum height of 4 storeys.

Technical qualifications

- (a)** For the licence class mentioned in section 1. above —
- (i) the successful completion of Certificate IV in Fire Systems Compliance (Hydrants, Sprinklers and Pump-Sets) 30536QLD; or
 - (ii) successful completion of a course the authority considers is at least equivalent to the course mentioned in paragraph **(a)(i)**; or
 - (iii) a written statement by Construction Training Queensland, or accreditation from the Fire Protection Industry Board, that the applicant has successfully completed all of the following—
 - category IAK—certification of installation of residential life safety sprinkler systems;
 - category MAL—certification of maintenance of residential life safety sprinkler systems;
 - category IAF—certification of installation of engineered water discharging (based) fire systems (deluge, drencher, sprinkler and spray systems);
 - category MAG—certification of maintenance of engineered water discharging (based) fire systems (deluge, drencher, sprinkler and spray systems).
- (b)** For the licence class mentioned in section 2. above —
- (i) the successful completion of Certificate IV in Fire Systems Compliance (Hydrants, Sprinklers and Pump-Sets) 30536QLD; or
 - (ii) successful completion of a course the authority considers is at least equivalent to the course mentioned in paragraph **(b)(i)**; or
 - (iii) a written statement by Construction Training Queensland, or accreditation from the Fire Protection Industry Board, that the applicant has successfully completed both of the following—
 - category IAF—certification of installation of engineered water discharging (based) fire systems (deluge, drencher, sprinkler and spray systems);
 - category MAG—certification of maintenance of engineered water discharging (based) fire systems (deluge, drencher, sprinkler and spray systems).
- (c)** For the licence class mentioned in section 3. above —
- (i) the successful completion of Certificate IV in Fire Systems Compliance (Hydrants, Sprinklers and Pump-Sets) 30536QLD; or
 - (ii) successful completion of a course the authority considers is at least equivalent to the course mentioned in paragraph **(c)(i)**; or
 - (iii) a written statement by Construction Training Queensland, or accreditation from the Fire Protection Industry Board, that the applicant has successfully completed both of the following—
 - category IAK—certification of installation of residential life safety sprinkler systems;
 - category MAL—certification of maintenance of residential life safety sprinkler systems.

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Technical Amendment	

- (d)** For the licence class mentioned in section 4. above —
- (i) the possession of a licence issued by the Plumbers and Drainers Board under the *Plumbing and Drainage Act 2002*, in the class of plumber, holding the endorsements of—
 - fire protection (commercial and industrial); and
 - fire protection (domestic and residential); or
 - (ii) the possession of a licence issued by the Plumbers and Drainers Board under the *Plumbing and Drainage Act 2002* in the classes of—
 - water plumber—fire protection (commercial and industrial); and
 - water plumber—fire protection (domestic and residential).
- (e)** For the licence class mentioned in section 5. above possession of a licence issued by the Plumbers and Drainers Board under the *Plumbing and Drainage Act 2002* in either of the following classes—
- (i) plumber holding the endorsement of fire protection (commercial and industrial);
 - (ii) water plumber—fire protection (commercial and industrial).
- (f)** For a licence class mentioned in section 6. above possession of a licence issued by the Plumbers and Drainers Board under the *Plumbing and Drainage Act 2002* in either of the following classes—
- (i) plumber holding the endorsement of fire protection (domestic and residential);
 - (ii) water plumber—fire protection (domestic and residential).
- (g)** For a licence class mentioned in section 7. above —
- (i) the possession of a licence issued by the Plumbers and Drainers Board under the *Plumbing and Drainage Act 2002* in the class of plumber holding the endorsements of—
 - fire protection (commercial and industrial); and
 - fire protection (domestic and residential); or
 - (ii) the possession of a licence issued by the Plumbers and Drainers Board under the *Plumbing and Drainage Act 2002* in the classes of—
 - water plumber—fire protection (commercial and industrial); or
 - water plumber—fire protection (domestic and residential).

Managerial requirements

An approved managerial qualification.

Experience requirements

Two years experience, which includes experience gained during an apprenticeship or other training, in—

- (a)** the scope of work for the class; or
- (b)** other work, if the authority considers experience in the other work is at least equivalent to experience in the scope of work for the class.

Financial requirements

The relevant financial requirements in the board's policies.

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DEFINITIONS

Certify means

- (a) to give advice or a report, including a certificate, stating that a fire protection system complies with Australian and international standards, Building Code of Australia requirements and manufacturer's specifications after conducting a survey of the system; and
- (b) to give a QBSA licensee certificate under the *Building Regulation 2006* for the work.

Inspect and test means

- (a) to inspect by visual examination the components of fire protection systems or equipment to establish correct settings, physical condition or fitness for purpose under 1-5-5, AS 1851-2005; and
- (b) to test, after inspecting, by the confirmation of correct function or performance of a component or system under 1-5-13, AS 1851-2005.

Install means

- (a) place a fire protection system in position ready for use; or
- (b) restore a fire protection system to its original operating specifications; or
- (c) alter a fire protection system; or
- (d) provide an installer's statement in relation to the work

Example: Where the fire system is altered from its original design specifications by way of replacing with components of different specifications, it is **installation**.

Installer's statement means

A statement about the installation of a fire protection system

Maintain means

- (a) inspect and test a fire protection system and any other fire safety measures to ensure continued operation at their original performance levels and in accordance with any relevant Australian Standards; or
- (b) repair or replace defective components to keep a fire protection system in a working order according to original specifications
- (c) carry out preventative maintenance; or
- (d) prepare a maintenance record of the work mentioned in paragraphs (a) to (c).

Maintenance record means

a record of any maintenance carried out.

Preventative maintenance means

lubrication, cleaning, adjustment and replacement of parts for the purpose of minimising faults or malfunctions of a fire protection system.

Example: where a fire system is not altered from its original design specifications it is **maintenance and repair** ('like for like' replacement of components).

Survey means

the visual inspection of a fire protection system to identify if the system has been altered, damaged or compromised.

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