



# LICENCE CLASSES

## FIRE DETECTION, ALARM AND WARNING SYSTEMS LICENCES

### Licence Classes

- (1) Certify.
- (2) Install and maintain – extra low voltage
- (3) Maintain – extra low voltage

### Scope of work

- (1) For the licence class mentioned in section 1. above — certify, inspect and test fire detection, alarm and warning systems, including inputs to, and outputs and controls from, fire alarm systems, fire ventilation controls, and suppression system monitoring and controls.
- (2) For a licence class mentioned in section 2. above — install and maintain fire detection, alarm and warning systems, including inputs to, and outputs and controls from, fire alarm systems, fire ventilation controls, and suppression system monitoring and controls but limited to systems and controls with extra low voltage.
- (3) For a licence class mentioned in section 3. above — maintain fire detection, alarm and warning systems, including inputs to, and outputs and controls from fire, alarm systems, fire ventilation controls, and suppression system monitoring and controls but limited to systems and controls with extra low voltage.

### Technical qualifications

- (a) For the licence class mentioned in section 1. above —
  - (i) the successful completion of Certificate IV in Fire Systems Compliance (Fire Detection Systems) 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) accreditation from the Fire Protection Industry Board, that the applicant has successfully completed all of the following—
    - category IAD—certification of installation of fire detection and alarm systems;
    - category IAE—certification of installation of emergency warning and intercommunications systems;
    - category MAE—certification of maintenance of fire detection and alarm systems;
    - category MAF—certification of maintenance of emergency warning and intercommunications systems.
- (b) For the licence class mentioned in section 2. above —
  - (i) the successful completion of either—
    - Certificate III in Electrotechnology Building Services UTE30299, including the specialisation in fire systems; or
    - Certificate III in Fire Protection Control UEE31006;

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- (ii) successful completion of a course the authority considers is at least equivalent to either of the courses mentioned in paragraph **(b)(i)**;
  - (iii) possession of an electrical mechanic licence;
  - (iv) accreditation from the Fire Protection Industry Board, that the applicant has successfully completed all of the following—
    - category IAD—certification of installation of fire detection and alarm systems;
    - category IAE—certification of installation of emergency warning and intercommunications systems;
    - category MAE—certification of maintenance of fire detection and alarm systems;
    - category MAF—certification of maintenance of emergency warning and intercommunications systems.
- (c)** For the licence class mentioned in section **3.** above —
- (i) the successful completion of Certificate II in Asset Maintenance (Fire Protection Equipment) PRM20404; or
  - (ii) the successful completion of Certificate II in Fire Alarm Servicing UEE21005; or
  - (iii) successful completion of a course the authority considers is at least equivalent to the courses mentioned in paragraph **(c)(i)** or **(c)(ii)**; or
  - (iv) accreditation from the Fire Protection Industry Board, that the applicant has successfully completed both of the following—
    - category MAE—certification of maintenance of fire detection and alarm systems;
    - category MAF—certification of maintenance of emergency warning and intercommunications systems; or
  - (v) possession of an electrical mechanic licence.

**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.

### Electrical mechanic licence means

- (a) an electrical mechanic licence issued under the *Electrical Safety Regulation 2002*; or
- (b) an electrical contractor licence issued under the *Electrical Safety Regulation 2002*, if the person the licence was issued to, previously held an electrical mechanic licence.

### 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.

**Example:** where a fire system is not altered from its original design specifications it is maintenance and repair

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