

Phone: +61 (0)7 5455 5148, Mobile: 0409 399 190, Email: rafoster@bigpond.net.au

## FIRE SIGNAGE – V2

Fire and Security Consulting Services (FSCS) is frequently consulted as to what signage associated with fire safety equipment and systems is required in buildings. The following should prove useful.

### FIRE SAFETY NOTICE

When an Alternative Solution is prepared for the project a durable notice is required to be prepared by the Fire Engineer. This notice shall detail the name and location of the project and provide details of the Alternative Solutions and any implications that these may have on the fire fighting and / or rescue activities contemplated by the Fire Brigade. The notice shall be located inside the Hydrant (and/ or sprinkler) booster cabinet AND in the building foyer next to the Fire Indicator Panel (if installed).

The notice shall be made from either screen printed durable material, engraved plastic (Traffolyte) or photo-anodised aluminium. It is the responsibility of the builder to supply such notices based on the format supplied by the Fire Engineer.

### EVACUATION AND EMERGENCY INSTRUCTIONS

Under the *Fire and Rescue Service Act 1990, Part 9A*, and the *Building Fire Safety Regulations 1993*, the owner/occupier of a building must maintain at all times a plan of action to be taken in the event of fire, and provide adequate instructions to people working or residing in the building concerning the action to be taken by them in the event of fire to ensure their own and others safety.

The following extract from the Queensland Fire and Rescue Service Act 1990 section 104E applies:

#### *Section 104E Fire and evacuation plan*

*The occupier of a building must (a) maintain at all times a plan of the action to be taken by persons within the building in the event of fire threatening the building adequate to ensure their own and other persons safety; and (b) provide adequate instructions to persons working or residing in the building concerning the action to be taken by them in the event of fire threatening the building in order to ensure their own and other persons safety.*

Signage in the following locations is required to meet the Legislation.

1. In public circulation areas such as the main entrance foyer, car parks and lift / stair lobbies in all buildings.
2. Within each apartment / unit for a Class 3 building (holiday let / resort / hotel) or a Class 2 (residential) building where apartments are assigned as holiday let apartments. Normally fixed to the back of the entrance door or in any other conspicuous location.

The notice shall be made from either screen printed durable material, engraved plastic (Traffolyte) or photo-anodised aluminium. The sign shall provide the following information:

- The location of the building exits and of the paths of travel from the unit to the exits; and
- The location of the nearest fire fighting equipment; and
- The emergency procedures to be followed in the event of fire.

### BUILDING SIGNAGE

Signage on building features (such as doors) shall be provided for:

1. Signs on doors such as entry doors to and exit doors from fire stairs – size and location in accordance with BCA Clause D2.23.
2. Signs on access to lift pits – size and location in accordance with BCA Clause D1/17.

## EQUIPMENT SIGNAGE

Signage indicating the location of fire equipment shall be provided for:

1. Fire Control Centres (Rooms) - size and details in accordance with BCA Spec E1.8;
2. The hydrant booster – size and details in accordance with AS2419.1;
3. The sprinkler booster – size and details in accordance with AS2118.1;
4. The sprinkler valve enclosure – size and details in accordance with AS2118.1;
5. The fire pump room – size and details in accordance with AS2419.1 and / or AS2118.1;
6. Fire hose reels – size and details in accordance with AS2441;
7. Fire hydrants – size and details in accordance with AS2419.1.
8. Portable Fire Extinguishers – size and details in accordance with AS2444;

I trust that the above will allow you to adequately plan for the required signage.

### Prepared by:

Richard A Foster

Dip Mech Eng; Dip Mar Eng; MSFPE

Fire Safety Engineer

RPEQ Mechanical – 7753: Accredited by Board of Professional Engineers as a Fire Safety Engineer

Principal – Fire and Security Consulting Services



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