

Part 9.5 Smoke alarms and evacuation lighting

NSW 9.5.1

9.5.1 Smoke alarm requirements

[2019: 3.7.5.2]

Smoke alarms must—

- (a) be located in—
 - (i) a Class 1a building in accordance with 9.5.2 and 9.5.4; and
 - (ii) a Class 1b building in accordance with 9.5.3 and 9.5.4; and
- (b) comply with AS 3786, except that in a Class 10a *private garage* where the use of the area is likely to result in smoke alarms causing spurious signals, any other alarm deemed suitable in accordance with AS 1670.1 may be installed provided that smoke alarms complying with AS 3786 are installed elsewhere in the Class 1 building; and
- (c) be powered from the consumer mains source where a consumer mains source is supplied to the building; and
- (d) be interconnected where there is more than one alarm.

Explanatory Information

A smoke alarm can give spurious alarms if the atmosphere contains particles which obscure vision, such as could occur in a Class 10a *private garage* part of a building. 9.5.1(b) therefore allows the use of a more suitable alarm, such as a heat alarm, in these locations.

9.5.1(d) requires alarms to be interconnected where there is more than one alarm. This only applies within a single dwelling. Therefore, alarms in a Class 1a dwelling need not be interconnected with alarms in another dwelling or a *private garage* which does not belong to the Class 1a dwelling.

9.5.2 Location – Class 1a buildings

[2019: 3.7.5.3]

In a Class 1a building, smoke alarms must be located in—

- (a) any storey containing bedrooms, every corridor or hallway associated with a bedroom, or if there is no corridor or hallway, in an area between the bedrooms and the remainder of the building; and
- (b) each other storey not containing bedrooms.

Notes

Figure 9.5.2a and 9.5.2b illustrates requirements of this provision.