

## Automatic Fire Suppression Systems (sprinklers) – Fire Safety Assessment

### Level 2 (Advanced)

*Practitioners at this level are accredited to undertake Fire Safety Assessment of any automatic fire suppression system (sprinklers) subject to specific conditions*

- 2.1. Accredited to undertake Fire Safety Assessment of any automatic fire suppression system other than combined sprinkler and hydrant systems unless:
  - 2.1.1. the practitioner also holds *Level 1 (Basic) Fire Hydrant Systems - Fire Safety Assessment* accreditation in order to undertake Fire Safety Assessment of combined sprinkler and hydrant systems

### Level 1 (Basic)

*Practitioners at this level are accredited to undertake Fire Safety Assessment of a restricted range of automatic fire suppression systems that include less complex hydraulic or hazard protection considerations*

- 1.1. Accredited to undertake Fire Safety Assessment of automatic fire suppression systems, excluding:
  - 1.1.1. Systems that include multiple pressure zones
  - 1.1.2. Combined sprinkler and hydrant systems
  - 1.1.3. High hazard sprinkler systems, including those that protect:
    - 1.1.3.1. high hazard process risks
    - 1.1.3.2. high hazard storage risks
    - 1.1.3.3. special commodities
    - 1.1.3.4. flammable and combustible liquids or other dangerous goods.

## Fire Hydrant Systems – Fire Safety Assessment

### Level 2 (Advanced)

*Practitioners at this level are accredited to undertake Fire Safety Assessment of any fire hydrant system subject to specific conditions*

- 2.1. Accredited to undertake Fire Safety Assessment of any fire hydrant system other than combined sprinkler and hydrant systems unless:
  - 2.1.1. the practitioner also holds Level 1 (Basic) Automatic Fire Suppression Systems (sprinklers) – Fire Safety Assessment accreditation in order to undertake Fire Safety Assessment of combined sprinkler and hydrant systems

### Level 1 (Basic)

*Practitioners at this level are accredited to undertake Fire Safety Assessment of a restricted range of fire hydrant systems that include less complex hydraulic considerations subject to specific conditions*

- 1.1. Accredited to undertake Fire Safety Assessment of fire hydrant systems, excluding:
  - 1.1.1. Systems that include multiple pressure zones
  - 1.1.2. Combined sprinkler and hydrant systems

## Automatic Fire Detection and Alarm Systems – Fire Safety Assessment

### Level 2 (Advanced)

*Practitioners at this level are accredited to undertake Fire Safety Assessment of any automatic fire detection and alarm system*

- 2.1. No restriction on scope of automatic fire detection and alarm system Fire Safety Assessment.

### Level 1 (Basic)

*Practitioners at this level are accredited to undertake Fire Safety Assessment of a restricted range of automatic fire detection and alarm systems, generally limited to systems that do not provide multiple programmable outputs to control interfaces associated with a range of complex systems*

- 1.1. Accredited to undertake Fire Safety Assessment of automatic fire detection and alarm systems, excluding:
  - 1.1.1. systems that provide multiple programmable outputs to control interfaces with any or all of the following:
    - 1.1.1.1. emergency warning and intercommunication systems (EWIS) or customised building occupant warning systems
    - 1.1.1.2. zoned fire suppression systems
    - 1.1.1.3. zone pressurisation systems
    - 1.1.1.4. purge systems
    - 1.1.1.5. smoke exhaust systems or smoke vents and heat vents
    - 1.1.1.6. automatic air pressurisation systems including those for lift shafts and pressurized exits
    - 1.1.1.7. associated ancillary equipment, such as dampers, fans, louvers, automatic opening doors and the like with respect to 1.1.1.3 to 1.1.1.6 above
    - 1.1.1.8. fire and/or smoke curtains, fire and/or smoke shutters (where required for mechanical air handling systems).

**Note:** Automatic fire detection and alarm systems, controlling single-zone occupant warning systems, single-zone door releases, fire monitoring, etc. can be assessed under Level 1 (Basic) Automatic fire detection and systems – Fire Safety Assessment accreditation.

## Restrictions or considerations applicable to all accredited practitioners

### Performance (alternative) solutions

Note that individuals accredited in the Fire Safety Assessment class for individual or multiple fire safety measures are accredited to assess the operating performance of these fire safety measures regardless of whether they are subject to a performance (alternative) solution or not.