

9 FIRE SYSTEMS

Minimum Standards

- 9.1.00 The minimum requirements for the provision of fire control systems in Health Care Facilities shall be those listed in Enclosure E1.

In addition to the minimum requirements and depending upon the type of facility and installed services the following Regulations, Department of Human Services Guidelines and Australian Standards shall apply:

- AS 4214 - Gaseous fire extinguishing systems
- Capital Development Guideline 7.2 Fire Risk Management Guidelines, Capital Management Branch, Department of Human Services Victoria

All clauses outlined in the following section shall be in addition to statutory requirements.

General

- 9.2.00 Where specific facility related fire risks are not covered adequately in the BCA and other relevant regulations, the risk shall be analysed and a suitable engineering solution shall be developed and implemented to maintain an acceptable risk level. The need for additional measures for a specific facility and the suitable solution shall be established during the design process.

- 9.3.00 Fire services include the following:
- Fire fighting equipment
 - hydrants
 - hose reels
 - fire extinguishers
 - fire sprinklers
 - Smoke management systems
 - Emergency lighting, detection and warning systems.

Note: Some smoke management relevant sections of the BCA are strongly linked to HVAC services. Consequently relevant issues are discussed in the HVAC section of the Guideline.

- 9.4.00 When sprinkler systems are installed in areas used by mental health patients, concealed type, ceiling mounted sprinkler heads shall be installed.

Sprinklers

- 9.5.00 Health buildings shall be planned to minimise the need for sprinkler systems.

The need for fire sprinklers for a specific facility and the suitable solution shall be established during the design process by a Certified Fire Engineer.