

4.14. Auxiliary Rooms and Selection of Fire Protection Systems

- 4.14.1.** Auxiliary rooms shall be protected with the options of Fire Protection Systems as per Table 9.30. However, where any rooms and equipment are provided with fire protection systems as per Table 9.30., the designers shall first consider and consult the relevant Material Safety Data Sheet (MSDS) before designing and proposing such fire protection systems.

Table 9.30.: Auxiliary Rooms Fire Protection Systems

LOCATION / HAZARD	SYSTEM REQUIREMENTS
A. ANESTHETIZING ROOMS	<ul style="list-style-type: none"> i. An automatic sprinkler system shall be provided as per Section 3.5. OR ii. A double interlocked Pre-action sprinkler system shall be provided as per Section 3.7.
B. BATTERY CHARGER ROOMS	<ul style="list-style-type: none"> i. Clean agent system shall be provided as per Section 3.14. OR ii. A double interlocked Pre-action sprinkler system shall be provided as per Section 3.7.
C. BMS ROOMS	<ul style="list-style-type: none"> i. Clean agent system shall be provided as per Section 3.14. OR ii. A double interlocked Pre-action sprinkler system shall be provided as per Section 3.7. iii. BMS rooms which are less than 10 m² in area and are not with critical building monitoring and management systems shall not be required to be protected.
D. BATTERY ROOMS	<ul style="list-style-type: none"> i. None
E. COMPUTER ROOMS	<ul style="list-style-type: none"> i. Clean agent system shall be provided as per Section 3.14. OR ii. A double interlocked pre-action sprinkler system shall be provided as per Section 3.7. OR iii. Computer rooms which are less than 10 m² in area and are not with critical life or building monitoring and management systems shall not be required to be protected.
F. CONTROL ROOMS/ FIRE COMMAND CENTERS	<ul style="list-style-type: none"> i. Clean agent system shall be provided as per Section 3.14. OR ii. A double interlocked Pre-action sprinkler system shall be provided as per Section 3.7. OR iii. Rooms which are less than 10 m² in area and are not with critical life or building monitoring and control systems shall not be required to be protected. iv. Rooms which are separated as part of separated service blocks and detached from the predominant occupancy, by a separation distance of 3 m, shall not be required to be protected.
G. DIESEL GENERATOR ROOMS	<ul style="list-style-type: none"> i. Foam sprinkler system shall be provided as per Section 3.9. ii. Diesel generator rooms which are separated as part of separated service blocks and detached from the predominant occupancy, by a separation distance of 3 m, shall not be required to be protected.