

Table 8.13: Application of Fire Detection and Alarm System

BUILDING / OCCUPANCY	APPLICABLE FIRE DETECTION AND ALARM SYSTEMS
19. STORAGE AND WAREHOUSE 20. INDUSTRIAL BUILDINGS	<ul style="list-style-type: none"> i. Smoke Detection and Alarm System shall be provided throughout as per Section 4.3. ii. Fire Pump, all building fire suppression systems, Fire Water Level, LP Gas detection, CO Monitoring and other interconnected systems like door release, Elevator recall, Smoke Control etc. shall be interfaced with Fire Detection and Alarm System, based on building fire strategy, as per Section 4.1. iii. Auxiliary Rooms and Spaces Fire Detection and Alarm System as per Table 8.14., and Equipment s Fire Detection and Alarm System as per Table 8.15., shall be provided. iv. In a single tenant warehouse, main FACP shall be located at the continuously attended location such as Emergency Command Centre or Supervisor or Security guard house, as per the building fire strategy. v. In multi-tenant warehouse, a single main FACP shall be permitted to monitor all the warehouses in the group and FACP's for individual warehouses shall not be required. Such main FACP shall be located at the security guard house or the facility management office. vi. Each warehouse shall be provided with audio visual notification devices outside such that notification devices are visible from the common entrance. vii. General Fire Alarm shall be the evacuation alarm.
21. COLD STORAGE	<ul style="list-style-type: none"> i. Aspiration Type Air Sampling Smoke Detection System shall be provided inside freezer and cold room areas as per Section 4.5. ii. Smoke Detection and Alarm System shall be provided throughout , Office, maintenance, store room areas of the building as per Section 4.3.
22. ENCLOSED PARKING	<ul style="list-style-type: none"> i. No Fire Detectors are required if the enclosed parking is provided fully with automatic sprinkler System. ii. Where enclosed parking is provided with automatic sprinkler system, Manual Fire Detection and Alarm System shall be provided as per Section 4.10. iii. Where enclosed parking is not provided with automatic sprinkler system, Heat Detection and Alarm System shall be provided as per Section 4.7. iv. Audio Visual notification devices shall be provided throughout the parking areas. v. Fire Pump, all building fire suppression systems, Fire Water Level, LP Gas detection, CO Monitoring and other interconnected systems like door release, Elevator recall, Smoke Control etc. shall be interfaced with Fire Detection and Alarm System, based on building fire strategy, as per Section 4.1. vi. Auxiliary Rooms and Spaces Fire Detection and Alarm System as per Table 8.14., and Equipment s Fire Detection and Alarm System as per Table 8.15., shall be provided. vii. General Fire Alarm shall not trigger be the evacuation alarm. viii. If the general fire alarm is not silenced by authorized personnel or FACP is not reset or multiple alarms are triggered from other initiating devices within 120 seconds, evacuation alarm shall be triggered throughout.
23. ROBOTIC OR MECHANICAL PARKING OR ROBOTIC LOGISTICS	<ul style="list-style-type: none"> i. Aspiration Type Air Sampling Smoke Detection System shall be provided throughout vehicle stacking and storing areas as per Section 4.5. ii. Smoke Detection and Alarm System shall be provided throughout , Office, maintenance, reception, store rooms areas of the building as per Section 4.3.