

Table 8.13: Application of Fire Detection and Alarm System

BUILDING / OCCUPANCY	APPLICABLE FIRE DETECTION AND ALARM SYSTEMS
24. COVERED MALL	<ul style="list-style-type: none"> i. Smoke Detection and Alarm System shall be provided throughout the building 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. Main FACP shall cover the entire mall through sub FACP's distributed strategically throughout in a network to coincide with Fire Evacuation Zoning of the mall as per mall fire strategy. v. Main FACP shall be located at the continuously attended location such as Emergency Command Centre or Mall management office or Security guard house, as per the building fire strategy. vi. Individual tenant spaces shall not be required to have individual FACP's. Sub FACP's provided by the mall in strategic locations shall monitor the tenant spaces' detectors. vii. An annunciator panel shall be located at all the Mall Information Desks. viii. Positive Alarm Sequence (Positive Alarm Delay) as per Table 8.1.14.2, shall be followed. ix. General fire alarm from a single tenant space shall trigger evacuation alarm only in that particular tenant space and not the mall evacuation alarm nor the fire zone evacuation alarm. x. If the single tenant evacuation alarm is not silenced by authorized personnel or FACP is not reset or multiple alarms are triggered from other initiating devices within 180 seconds, then the particular fire zone evacuation alarm shall be triggered. Security or mall management personnel or authorized person shall intimate the occupants on Voice Alarm System/Public Address System about the situation. xi. Visual Display Notification with messages shall be permitted along with Voice Speakers and Public address Systems.
25. COMMERCIAL VILLA	<ul style="list-style-type: none"> i. Smoke Detection and Alarm System shall be provided in each villa as per Section 4.3. OR i. Wireless /Low powered radio frequency based Fire Detection and Alarm System shall be provided in each villa as per Section 4.11. ii. 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. iii. Main FACP OR the cluster radio HUB shall be located at the continuously attended location such as Emergency Command Centre or facility management office or Security guard house (or even at developer's office in case of wireless/ radio system), as per the building fire strategy. iv. Each villa shall be provided with audio visual notification devices outside such that notification devices are visible from the common approach road.