

**Table 8.13: Application of Fire Detection and Alarm System**

BUILDING / OCCUPANCY	APPLICABLE FIRE DETECTION AND ALARM SYSTEMS
<b>26. PRIVATE VILLA</b>	<ul style="list-style-type: none"> <li>i. Smoke Detection and Alarm System shall be provided in each villa as per <b>Section 4.3.</b></li> <li><b>OR</b></li> <li>i. Wireless /Low powered radio frequency based Fire Detection and Alarm System shall be provided in each villa <b>as per Section 4.11.</b></li> <li>ii. Auxiliary Rooms and Spaces Fire Detection and Alarm System as per <b>Table 8.14.,</b> and Equipment s Fire Detection and Alarm System as per <b>Table 8.15.,</b> shall be provided.</li> <li>iii. FACP OR the monitoring panel shall be located at the continuously attended location.</li> <li>iv. Each villa shall be provided with audio visual notification devices outside such that notification devices are visible from the common approach road.</li> </ul>
<b>27. PETROL AND GAS STATIONS</b>	<ul style="list-style-type: none"> <li>i. Smoke Detection and Alarm System shall be provided throughout the Mini Mart, Retails, Restaurants, Dining Areas, Service Stations as per <b>Section 4.3.</b></li> <li>ii. Fire Pump, all building fire suppression systems, Fire Water Level, LP Gas detection, CO Monitoring and other interconnected systems, if any, shall be interfaced with Fire Detection and Alarm System, based on building fire strategy, as per <b>Section 4.1.</b></li> <li>iii. Auxiliary Rooms and Spaces, if any, Fire Detection and Alarm System as per <b>Table 8.14.,</b> and Equipment s Fire Detection and Alarm System as per <b>Table 8.15.,</b> shall be provided.</li> <li>iv. Main FACP shall cover the entire Petrol/Gas Station complex . FACP's for individual tenants shall not be required.</li> <li>v. Main FACP shall be located at the continuously attended location such as management office or Security guard house or at Mini Mart cash counter, as per the building fire strategy.</li> <li>vi. General fire alarm from a single tenant space shall trigger evacuation alarm only in that particular tenant space.</li> <li>vii. If the 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 complex evacuation alarm shall be triggered.</li> <li>viii. Audio/Visual Notification devices shall be provided outside each tenant outlets.</li> </ul>
<b>28. NURSERY (PLANTS AND VEGETATION)</b>	<ul style="list-style-type: none"> <li>i. Fire Detection and Alarm System shall not be required.</li> </ul>