

**Table 8.1: General Requirements of Fire Detection and Alarm Systems**

ITEMS	REQUIREMENTS
<b>18. NOTIFICATION ZONES</b>	<ul style="list-style-type: none"> <li>i. Fire alarm and mass notification systems provided for evacuation or relocation of occupants shall have one or more notification zones on each floor of the building.</li> <li>ii. Notification zones shall be consistent with the emergency response or evacuation plan for the protected premises.</li> <li>iii. The boundaries of notification zones shall be coincident with building outer walls, building fire or smoke compartment boundaries, floor separations, or other fire safety subdivisions.</li> <li>iv. In protected premises with more than one notification zone, a single open, short-circuit, or ground on the system installation conductors shall not affect operation of more than one notification zone.</li> </ul>
<b>19. NOTIFICATION COMBINED WITH PUBLIC ADDRESS SYSTEM (PA SYSTEM)</b>	<ul style="list-style-type: none"> <li>i. Speakers used as alarm notification appliances on fire alarm systems shall also be permitted to be used for non-emergency purposes, provided that one of the following condition is met: <ul style="list-style-type: none"> <li>a. The emergency command centre is constantly attended by trained personnel.</li> <li>b. The speakers and associated audio equipment are installed or located with safeguards to resist tampering or mal adjustments of those components essential for intended emergency notification.</li> </ul> </li> <li>ii. Speakers used as alarm notification appliances on fire alarm systems shall also be permitted to be used for mass notification systems.</li> <li>iii. Fire alarm signals from combination system shall be distinctive, clearly recognizable and with the exception of mass notification inputs, take precedence over any other signal even when a non-fire alarm signal is initiated first and shall be indicated as follows in descending order of priority unless otherwise permitted by this Code: <ul style="list-style-type: none"> <li>a. Signals associated with life safety</li> <li>b. Signals associated with property protection</li> <li>c. Trouble signals associated with life and/or property protection</li> <li>d. All other signals.</li> </ul> </li> <li>iv. Live voice instructions originating from the protected premises fire or mass notification systems shall override all previously initiated signals and shall have priority over both of the following: <ul style="list-style-type: none"> <li>a. Any subsequent automatically initiated signals on that channel</li> <li>b. Remotely generated mass notification messages.</li> </ul> </li> </ul>