TEAM IDEAS

- A **fire alarm system** warns people when smoke, fire, carbon monoxide or other fire-related emergencies are detected. These alarms may be activated automatically from smoke detectors and heat detectors or may also be activated via manual fire alarm activation devices such as manual call points or pull stations.

- Alarms can be either motorized bells or wall mountable sounders or horns. They can also be speaker strobes which sound an alarm, followed by a voice evacuation message which warns people inside the building not to use the elevators.

- Fire alarm sounders can be set to certain frequencies and different tones including low, medium, and high, depending on the country and manufacturer of the device. Most fire alarm systems in Europe sound like a siren with alternating frequencies.

- Fire alarm electronic devices are known as horns in the United States and Canada and can be either continuous or set to different codes. Fire alarm warning devices can also be set to different volume levels.

- After the fire protection are established—usually by referencing the minimum levels of protection mandated by the appropriate model building code, insurance agencies, and other authorities—the fire alarm designer undertakes to detail specific components, arrangements, and interfaces necessary to accomplish these goals.

- Equipment specifically manufactured for these purposes is selected and standardized installation methods are anticipated during the design.