

the fire alarm zones with indicators for each zone (green = no alarm / red blinking = alarm) shall be on the panel's front side.

1.3.35.4 Fire Alarm Detectors

Type 1 Heat detector rate-of-rise spot type, rising rate approximately 10 °F to 12 °F;

Location: kitchen, cooking areas, generator room

Type 2 Smoke detector ionisation spot type with radioactive material in the sensor chamber

Location: all areas except kitchen and wet well

Type 3 Gas sensor/detector spot type with catalytic elements that accelerate the oxidation of combustible gases resulting in rise of temperature and actuation

Location: Dry/Wet well areas

1.3.35.5 Push Button Units

Push button units shall be protected with an easily breakable glass cover and shall be designed for a single line. Each zone shall be equipped with at least one push button unit, always located at the emergency exit area.

1.3.35.6 Alarm Flush Light and Alarm Horn

- A. Alarm horns shall be provided in machinery rooms, public areas, guard room, electrical rooms, corridors, master office, and work shops and outdoor at each building within view of the guard room.
- B. At areas, where high noise deter hearing the alarm horn, flash lights shall be installed at the alarm horn in addition.

1.3.35.7 Cabling / Wiring

MICC cabling or FP200 wiring system shall be used for the entire fire alarm system.

1.3.35.8 Fire Alarm Zoning

Individual fire alarm zones shall be:

Smoke: under floor cable area, switchgear & control rooms, administrative areas, machine rooms