

CHECK LIST FOR FIRE ALARM - NFPA 72 SYSTEMS- **GENERAL SUBMITTAL REQUIREMENTS:**

NB:

- (i) This checklist must be completed/answered by consultant(s) by ticking [✓] appropriate boxes
- (ii) Submit a separate sheet containing explanatory notes against all negated answers
- (iii) It is axiomatic that the submission has been made by the consultants
only upon having read and clearly understood all the relevant provisions of the current
Fire Protection, Fire Prevention and Fire/Emergency Control(FP, FP&FF) Regulations

Design Requirement:

- | | | | | | |
|----|---|-----|--------------------------|----|--------------------------|
| 1 | Design basis of FA, VA & PA is complied with relevant sections/chapters of NFPA 72 | YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
| 2 | Riser Schematic of the PA System submitted | YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
| 3 | The zoning of the capacity for loops & the building covering is complied in accordance with NFPA 72 chapter 4 & 5 | YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
| 4 | Cause & Effect matrix provided for the building fire alarm system | YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
| 5 | Manufacturer:.....and model
.....of the fire alarm panel and components (provide copy of spec sheets) | YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
| 6 | All fire alarm equipment shall be listed and approved for the purpose for which they are installed | YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
| 7 | Total number of devices :_____ | YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
| 8 | Device Location (provide copy of spec sheets) | YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
| 9 | FACP/ Anunciator panel location (remote annunciator to be located near main entrance or per AHJ) | YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
| 10 | FACP is in a protected area | YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
| 11 | Riser diagram with # and type of devices per circuit, zone ID, 120 dedicated batteries, panel, etc | YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
| 12 | Alarm indicating circuit load consumption of circuits on drawing (showing voltage drop) | YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
| 13 | Show means of activation of magnetic door-releasing hardware and/or | YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
| 14 | Ventilation shutdown provided | YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
| 15 | Show placement of HVAC air supply/return ceiling vents if detectors are in close proximity | YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |

- Fire alarm warning devices shall be audible throughout the occupancy at least minimum of 15 dB's above ambient noise level or 5 dB's above ambient noise level or 5 dB's above maximum noise level(will verify during field test)
- 16 YES ☐ NO ☐
- 17 Show two sources of electrical power YES ☐ NO ☐
- 18 Show that the main power supply for the fire alarm is on a dedicated branch circuits and properly signed YES ☐ NO ☐
- 19 Manual pull stations are to be installed at each exit or stairway or either or stairway or other areas as required,not exceeding 50m travel distance YES ☐ NO ☐
- 20 Show location of fire alarm fire emergency phone jacks YES ☐ NO ☐
- 21 Speaker amplifier and tone generating equipment integrity is monitored YES ☐ NO ☐
- 22 **Battery calculation sheet showing:**
- Standby power consumption of all current drawing devices times the hours required by NVPA (24 or 60 hours) including power consumption of the control panel modules YES ☐ NO ☐
- 23 Power consumption of all devices on standby power, including door holders, relays, smoke detectors, etc YES ☐ NO ☐
- 24 Alarm power consumptions of all current drawing devices times the minutes required by NFPA (5 or 15 minutes) YES ☐ NO ☐

Signatures/ Seals	For Contractor	Title	Date
	For Client/Consultant	Title	Date