

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 Manufacturer:.....and model	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
5of 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/ Annuncliator panel location (remote annuncliator 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

16 ambient noise level or 5 dB's above ambient noise level YES NO
or 5 dB's above maximum noise level(will verify during field test)

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

Manual pull stations are to be installed at each exit or
19 stairway or either or stairway or other areas as YES NO
required,not exceeding 50m travel distance

20 Show location of fire alarm fire emergency phone jacks YES NO

21 Speaker amplifier and tone generating equipment YES NO
integrity is monitored

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, YES NO
including door holders, relays, smoke detectors, etc

Alarm power consumptions of all current drawing
24 devices times the minutes required by NFPA (5 or 15 minutes)

YES NO

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