



Miami-Dade Fire Rescue

Fire Alarm Pre-Submittal Checklist

Based On NFPA 72 2002 edition - NFPA 1 & 101 2006 edition



Building Department Process Number is _____					Date: / /
	Project Name: _____ and is provided in title block.	YES	NO	N/A	LOCATION/COMMENTS
	Address in title block shall match address found in building department's computer system. If address contains a building, suite, or specific unit number or letter, same to be provided in title block – to match building department's computer system.				
1	A copy of the contract is provided or a notarized affidavit from the owner showing the total cost of the equipment and installation. Cost \$ _____				
2	Systems costing more than \$5,000 are sealed by a State of Florida Reg. Prof. Engineer.				
3	The total number of devices and components being installed is _____.				
4	A copy of alarm qualifier's state license is attached. EC EF EH EY # _____				
5	A copy of UL, FM or ETL certificate is provided complying with NFPA 72 8.2.3.				
6	Complete, current manufacturer's specification and installation sheets are provided for all devices, modules, control units, and components per scope of work.				
7	Manufacturer's documentation of device compatibility has been provided.				
8	Is this permit application or Fire Alarm work a result of a Notice of Violation issued by Miami-Dade Fire Rescue? If yes, a copy is provided.				
9	This fire alarm: ___ is required under _____ (fill in the code {Ex: Occupancy chapter/section from NFPA 101} or indicate if it is a life safety equivalency), or ___ is a non- required system or component.				
10	This Fire Alarm system is not required, but owner / tenant elects to have the occupancy protected by a Fire Alarm system. Fire Alarm system shall be installed per NFPA 101 & 72 standards.				
11	This system is a "Local" Fire Alarm System and is stated as such on the plans. (24 hours secondary power).				
12	This system is a "Proprietary Supervising Station" Fire Alarm System and is stated as such on the plans. (24 hours secondary power)				
13	This system will be "certificated or placarded" as a "Central Station Service" Fire Alarm System and is stated as such on the plans.				
14	This system is an "Existing Remote Supervising Station" Fire Alarm System and is stated as such on the plans. (24 hours secondary power)				
15	A complete detailed statement of the scope of work is stated on the plan. Also outline scope of work with bolded dashed lines on floor plan and riser for existing systems.				
16	A description of the building and/or section of the building is provided including, fire suppression systems, fire sprinkler systems and number of stories.				
17	All interconnected fire alarm control panels are arranged to function as a single system and monitored for integrity per NFPA 72.				
18	The class and/or style are shown for all initiating device circuits, signal line circuits and notification appliance circuits.				
19	The maximum number of each device type is provided for each IDC based on device load or each SLC, based on class and style, per NFPA 72 and the manufacturer's specifications.				
20	A specific sequence of operation including all alarm, supervisory, trouble and control functions such as fire suppression, door release, smoke control, elevator recall, transmission of signal offsite, (i.e. Certificated Central Station, Existing Remote Supervising Station or a Listed Proprietary Supervising Station) etc., are explained in detail in the Seq. of Ops.				
21	Elevator recall is connected to the fire alarm system.				
22	Manufacturer, model number and unique symbol for each device, module, power supply and component are specified in the symbol legend.				
23	Emergency forces notification or sprinkler supervision ___ is required or ___ is provided, but is not required.				
24	The method of communication to the monitoring station is included on the riser.				
25	Each device, module, appliance and component is identified with its own unique number and indicated on the floor plan and riser. Also label each module and relay with its intended function on riser.				



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		YES	NO	N/A	
26	Floor plans are drawn to 1/8" scale or, if using another scale, all device coverage is diagrammed on the plan and all room dimensions are included.				
27	All rooms & spaces are labeled indicating their use. Also, for all assembly use rooms with an occupant load of 50 or greater the occupant load has been provided.				
28	All new, existing, relocated or replaced devices are indicated on the floor plan & riser.				
29	Ceiling type/condition and height is provided for all ceiling mounted devices.				
30	All devices in areas in which the voltage, temperature, and humidity variations exceed those conditions stated in NFPA 72, are listed for conditions and all such areas are identified. The FACP and all NAC Panels are located in a mechanically ventilated room.				
31	The FACP or remote annunciator is located at the main entrance/lobby.				
32	The FACP and all sub panels in unoccupied rooms are protected with a smoke detector.				
33	If a complete automatically activated system, there is at least 1 manual pull station provided on each floor or level of the building, including mezzanines.				
34	If a manually activated system, the travel distance to reach a pull station is less than 200' feet and within 5' feet of all required floor and/or building exits.				
35	All automatic initiating devices are shown and are located in accordance with NFPA 72, the manufacturer's specifications, and accepted engineering practices.				
36	All visual notification appliances are placed per the tables in NFPA 72 and each strobe has its candela rating listed on the floor plan and riser.				
37	All corridor spaced strobes are placed a maximum of 100' feet apart and within 15' feet from ends of the corridor.				
38	All spaces meet the audible requirements of NFPA 72 and NFPA 101.				
39	Walls/partitions that do not extend to ceiling and racks, shelves and equipment, which may block devices, are shown with their heights indicated.				
40	Duct detectors or relays for duct detectors are shown on the floor plan and riser for all systems over 2000 cfm. These devices are powered by the FACP, not by the A/C or A/H units. Duct detector must receive 24 vdc source from the FACP to satisfy NFPA 72 4.4.7 requirements to monitor the device and its wiring for integrity.				
41	A riser diagram of the entire fire alarm system is provided showing each floor of building with all zones and circuits labeled.				
42	The wire size, type, and number of conductors are provided for each circuit on riser.				
43	The fire pump is monitored for run, phase reversal & phase loss to ___ a continuously manned location, or ___ the supervised fire alarm system.				
44	All relays for automatic extinguishing systems are shown on the floor plan and riser. (Hoods, booths, FM-200, sprinkler, etc.)				
45	The ampacity of each power supply and circuits is specified for each fire alarm control panel and NAC panel. Also, individual device current is specified on riser.				
46	The total footage to the last device is included with the voltage drop calculations for each notification appliance circuit of each power supply.				
47	The wattage tap is indicated for all speakers.				
48	The wattage capacity and load calculation is provided for each amplifier.				
49	All load values for stand-by and alarm used in calculations are highlighted on mfg. specification and/or installation sheets. Also, ampacity of equipment/components and circuits are highlighted as well.				
50	This system includes Emergency Voice Evacuation and is provided with 15 minutes of secondary alarm power. Required in all high rises and assembly occupancies with an occupant load greater than 300.				
51	This system is being provided back up power by an emergency generator and will provide 4 hours of standby power plus the appropriate secondary alarm power.				
52	Battery calculations, detailed in chart form, showing all information required per NFPA 72 4.4.1.5.3.1 are provided for each back-up power supply.				
	Designed by: _____ Signature: _____				