

**GUIDELINES FOR MINIMUM REQUIREMENTS AND ACCEPTABLE NUMBER OF
SYSTEM/ EQUIPMENT DEFECTS
IN NEW CONSTRUCTION PROJECTS AND EXISTING BUILDINGS**

1. NEW CONSTRUCTION PROJECTS AND EXISTING BUILDINGS WHERE A PERMISSION TO SPLIT THE INSTALLATION WAS GRANTED.

1.1. The following minimum requirements must be met prior to commencing acceptance inspection/test of the building-wide fire alarm systems at premises where the installation is permitted to be split:

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| (1) The manual Standpipe Fire Pump must be online and inspected | (AS APPLICABLE). |
| (2) The automatic Standpipe Fire Pump must be online and inspected | (AS APPLICABLE). |
| (3) The automatic Sprinkler Booster Pump must be online and inspected | (AS APPLICABLE). |
| (4) The combination Fire Pump must be online and inspected | (AS APPLICABLE). |
| (5) The Special Service Fire Pump must be online and inspected | (AS APPLICABLE). |
| (6) The Fire Command Center (Fire Alarm Control Panel) - installation must be permanent, clear of alarms and troubles. | |
| (7) The primary/secondary power supply to the fire alarm system must be permanent. | |
| (8) Minimum of (3) elevators must be on firemen's service | (AFFECTED FLOORS). |
| (9) Minimum of (2) elevators must be on firemen's service | (OTHER FLOORS). |
| (10) Three or fewer elevators - every car must be on firemen's service | (AFFECTED FLOORS). |
| (11) Any other building safety functions must be operational | (AFFECTED FLOORS). |
| (12) Central Office Connection must be online. | |
| (13) All devices and equipment filed for, provided for and intended for the effected floors must be permanently installed and fully operational. | (AFFECTED FLOORS). |
| (14) Smoke Control System, Post-Fire Purge System or any other smoke management system must be permanently installed and fully operational | (AS APPLICABLE). |
| (15) Fire Fighter Communication System must be permanently installed and fully operational. | (AFFECTED FLOORS). |

1.2. Total number of deficiencies other than administrative issues (PW-1, "as-built" riser, plans, labeling, instructions) should not exceed:

- a) LO-RI buildings – 10 (ten) defects.
- b) HI-RI buildings – 20 (twenty) defects.

2. NEW CONSTRUCTION PROJECTS AND EXISTING BUILDINGS – ENTIRE INSTALLATION.

2.1. The following minimum requirements must be met prior to commencing acceptance inspection/test of the entire building-wide fire alarm system:

- (1) Fire Pump (s) must be online and inspected (AS APPLICABLE).
- (2) All automatic elevators must be on automatic recall and firemen service.
- (3) All building safety functions must be operational.
- (4) Central Office Connection must be online.
- (5) The primary/secondary power supply to the fire alarm system must be permanent.
- (6) The Fire Command Center (Fire Alarm Control Panel) - installation must be permanent, clear of alarms and troubles.
- (7) Smoke Control System, Post-Fire Purge System must be permanently installed and fully operational (AS APPLICABLE).
- (8) All equipment, devices and appliances filed for the entire system must be permanently installed in accordance with approved plans and fully operational.

2.2. Total number of deficiencies other than administrative issues (PW-1, “as-built” riser, plans, labeling, instructions) should not exceed:

- a) LO-RI buildings – 10 (ten) defects.
- b) HI-RI buildings – 20 (twenty) defects.

3. ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS.

3.1. The following minimum requirements must be met prior to commencing acceptance inspection/test of the alternative fire-extinguishing system:

- (1) The primary/secondary power supply to the alternative fire-extinguishing system must be permanent. (AS APPLICABLE).
- (2) The Fire Alarm Control Panel - installation must be permanent, clear of alarms and troubles.
- (3) All required outputs and safety functions are operational.
- (4) All equipment, devices and appliances filed for the system must be permanently installed in accordance with approved plans and fully operational.

3.2. Total number of deficiencies other than administrative issues (PW-1, “as-built” riser, plans, labeling, instructions) should not exceed 5 (five) defects.

4. EMERGENCY ALARM SYSTEMS.

4.1. The following minimum requirements must be met prior to commencing acceptance inspection/test of the emergency alarm system:

- (1) The primary/secondary power supply to the emergency alarm system must be permanent.
- (2) All required outputs and safety functions are operational
- (3) The Emergency Alarm Control Panel - installation must be permanent, clear of alarms and troubles.
- (4) All equipment, devices and appliances filed for the system must be permanently installed in accordance with approved plans and fully operational

4.2. Total number of deficiencies other than administrative issues (PW-1, "as-built" riser, plans, labeling, instructions) should not exceed 5 (five) defects.

5. FIRE PUMPS.

5.1. The following minimum requirements must be met prior to commencing acceptance inspection/test of the fire pump:

- (1) The primary to the fire pump must be permanent.
- (2) The secondary power supply to the fire pump must be permanent, automatic transfer switching - operational
- (3) The controller must be programmed, clear of troubles and permanently installed.

5.2. Total number of deficiencies other than administrative issues should not exceed 3 (three) defects.

6. REACCEPTANCE TEST PROCEDURES.

6.1. The following minimum requirements must be met prior to commencing inspection of alteration to the core building-wide fire alarm system (tenant buildout) – reacceptance test:

- (1) The core building fire alarm system was inspected and the Partial Letter of Approval was issued or, at a minimum, the Letter of Defect was generated.
- (2) All effected safety functions must be operational.
- (3) All devices and equipment filed for, provided for and intended for the effected floors must be permanently installed and fully operational. (AFFECTED FLOORS).

6.2. The following minimum requirements must be met prior commencing inspection of alterations to the building-wide fire alarm systems – reacceptance test:

- (1) The building fire alarm system was inspected and the Letter of Approval was issued or, at a minimum, the Letter of Defect was generated.
- (2) All effected safety functions must be operational.
- (3) All devices and equipment filed for, provided for and intended for the effected floors must be permanently installed and fully operational. (AFFECTED FLOORS).

6.3. The following minimum requirements must be met prior to commencing inspection of alterations to the alternative automatic fire-extinguishing and emergency alarm systems – reacceptance test:

- (1) The system was inspected and approved.
- (2) All required outputs and safety functions are operational
- (3) All devices and equipment filed for, provided for and intended for the effected floors must be permanently installed and fully operational. (AFFECTED FLOORS).

6.4. Total number of deficiencies other than administrative issues should not exceed:

- a) Alterations to the building-wide fire alarm system (core or entire) – 2 (two) defects per floor with total number of defects not in excess of 15(fifteen).
- b) Alterations to the alternative automatic fire-extinguishing and emergency alarm systems – 5 (five) defects.