



CITY OF HOUSTON

Fire Marshal, Life Safety Bureau
Houston Fire Department

1995 S Dairy Ashford St., Houston, Texas 77077
713-752-2586 / fax: 281-752-2200

HISD - TERRELL MIDDLE SCHOOL
4610 E CROSSTIMBERS ST # BLD A
HOUSTON, TX 77016

Project No: **14076436**
Report Date: 18-JUL-2014
Reinspection Date: 19-AUG-2014

<<INSPECTION REPORT>>

Your attention is respectfully called to the violation of the provisions of the City of Houston Fire Code as indicated herein, on the premises located at:

4610 E CROSSTIMBERS ST # BLD A

REPORT HEADER

Gahlen Fuller
Fire Inspector
1995 S. Dairy Ashford
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F. 281-752-2200
Gahlen.Fuller@houstontx.gov

Status	Date	Inspector's ILMS-ID
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GENERAL

1) HFC 109.2 - Notice of violation.

When the fire code official finds a building, premises, vehicle, storage facility or outdoor area that is in violation of this code, the fire code official is authorized to prepare a written notice of violation describing the conditions deemed unsafe and, when compliance is not immediate, specifying a time for reinspection.

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2) HFC 109.2.2 - Compliance with orders and notices.

A notice of violation issued or served as provided by this code shall be complied with by the owner, operator, occupant or other person responsible for the condition or violation to which the notice of violation pertains.

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3) HFC 505.1 - Address numbers.

New and existing buildings and occupancies therein shall have approved address numbers posted in accordance with Article V of Chapter 10 of the City Code.
Compliance Instructions:

POST A VISIBLE AND LEGIBLE FACILITY ADDRESS FROM THE STREET OR COMMON PARKING LOT FRONTING THE PROPERTY.

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4) HFS 3.4.2 - EXISTING FACILITIES.

In existing buildings and facilities, the Code Official may require the establishment of fire apparatus access roads or fire lanes in accordance with this standard.
Compliance Instructions:

A FIRE LANE IS REQUIRED

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5) HFS 3.4.8.2 - MARKING THE FIRE LANES REQUIRED

When required by the Code Official, approved signs or other approved notices shall be provided and maintained so as to identify such roads as Fire Lanes and tow-away zones and prohibit the obstruction thereof or both.

Compliance Instructions:

FIRE LANE SIGNS SHALL BE APPROVED BY THE INSPECTING CODE OFFICIAL.

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6) HFS 3.4.8.4 - FIRE LANE SIGNS

Fire Lane signs and accompanying Tow-Away Zone signs shall be in accordance with the guidelines set forth in Appendix B. Premises with an existing approved Fire Lane marked with approved signs may retain these signs until such time as the signs need to be replaced due to weathering, fading, damage or missing. All new or replacement signs shall be in accordance with this standard.
Compliance Instructions:

SEE LSB STANDARD 3: FIRE DEPARTMENT ACCESS

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7) HFS 3.5.1 - FIRE LANE PERMIT REQUIRED

A Code Official Approval permit is required to install any Fire Lane required in accordance with this standard. A Fire Prevention Permit Application may be obtained from the fire prevention inspector requiring the Fire Lane, or application may be made at the City of Houston Permit Office, located at 3300 Main Street, telephone: (713) 535-7639.

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Compliance Instructions:

**OBTAIN PERMIT FROM HOUSTON FIRE DEPARTMENT PERMIT OFFICE AT 1002 WASHINGTON AVE.
FOR FURTHER INFORMATION, TELEPHONE: 832-394-8811**

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8) HFS 3.5.2 - PROCEDURES FOR OBTAINING APPROVALS.

Fire Lane approvals shall be obtained in accordance with procedures set forth in Appendix A of this standard. Approvals shall be obtained prior to any actual installation or marking of a Fire Lane. A Code Official Approval shall be issued at the successful completion of all requirements for an approved Fire Lane as set forth in this standard.

Compliance Instructions:

APPROVAL SHALL BE APPROVED PRIOR TO INSTALLATION

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9) HFS 3.6.5.3.6 - MARKING OF CURBS.

Curbs located between approved Fire Lane - Tow-Away Zone signs shall be painted RED or a RED stripe shall be placed along the pavement where there is no curb. These curbs shall also be conspicuously and legibly marked with the warning FIRE LANE - TOW AWAY ZONE in WHITE letters at least three (3) inches in height, at intervals not exceeding fifty (50) feet. Any color other than red may be used in NO PARKING areas that are not approved Fire Lanes. RED colored curbs, pavement striping or wheel stops shall be used only to designated approved Fire Lanes except where authorized by the Code Official.

Compliance Instructions:

EXISTING RED PAINT ON CURB INDICATING FIRE LANE NEEDS TO BE REPAINTED RED.

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10) HFC 310.3 - "No Smoking" signs.

The fire code official is authorized to order the posting of "No Smoking" signs in a conspicuous location in each structure or location in which smoking is prohibited. The content, lettering, size, color and location of required "No Smoking" signs shall be approved.

Compliance Instructions:

POST A "NO SMOKING" SIGN AT THE ENTRANCE OF FACILITY -- CITY ORDINANCE.

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11) HFC 104.1 - GENERAL.(RENDER CODE INTERPRETATIONS)

Consistent with the provisions of this code, the fire code official is hereby authorized to enforce the provisions of this code and shall have the authority to render interpretations of this code, and to adopt policies, procedures, rules and standards in order to clarify the application of its provisions. Such interpretations, policies, procedures, rules and standards shall be in compliance with the intent and purpose of this code and shall not have the effect of waiving requirements specifically provided for in this code. A certified copy of the standards shall be filed with the City Secretary and additional copies shall be kept in the office of the Fire Prevention Bureau for inspection by the public. Copies shall be furnished at the fees provided by law.

The fire code official is authorized to enforce all ordinances of the jurisdiction and laws of the state pertaining to:

1. The prevention of fires;
2. The suppression or extinguishing of dangerous or hazardous fires;
3. The storage, use and handling of hazardous materials;
4. The installation and maintenance of automatic, manual and other private fire alarm systems and fire extinguishing equipment;
5. The maintenance and regulation of fire escapes;
6. The maintenance of fire protection and the elimination of fire hazards on land and in buildings, structures and other property including those under construction;
7. The means, adequacy and maintenance of egress;
8. The investigation of the cause, origin and circumstances of fire and unauthorized releases of hazardous materials;
9. The posting of certificates of occupancy and life safety certificates where required by the Building Code; and
10. The conducting of fire safety campaigns.

Compliance Instructions:

9: APPLY FOR A TEMPORARY CERTIFICATE MIXED OCCUPANCY FOR AN "E," "I3" AND "A."

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12) HFC 105.6.34 - Places of assembly.

An operational permit is required to operate a place of assembly.

Compliance Instructions:

OBTAIN FROM HOUSTON FIRE DEPARTMENT PERMIT OFFICE AT 1002 HOUSTON AVE. FOR FURTHER INFORMATION, TELEPHONE: 832-394-8811

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13) HFC 506.1 - WHERE REQUIRED.(911 KEY BOX)

Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire-fighting purposes, the fire code official is authorized to require a key box or a fire depository box to be installed in an approved location. The key box shall be of an approved type and shall contain keys to gain necessary access as required by the fire code official. Key boxes shall be provided in accordance with Houston Fire Department LSB Standard No. 05, "Key Boxes."

Compliance Instructions:

PROVIDE KEY TO SECURITY FRONT-ENTRANCE GATE TO FACILITY TO BE PLACED IN KEY BOX.

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14) HFC 506.4 - Permit required.

A permit is required to install and maintain a key box and/or fire depository box. See Section 105.6.

Compliance Instructions:

OBTAIN KEY BOX PERMIT AT HOUSTON FIRE DEPARTMENT PERMIT OFFICE AT 1002 HOUSTON AVE.

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15) HFC 315.2.2 - MEANS OF EGRESS. (NO EXIT STORAGE/STAIRWELLS)

Combustible materials shall not be stored in exits or exit enclosures.

Compliance Instructions:

REMOVE ANY COMBUSTIBLE MATERIALS STORED IN ANY EXITS OR EXIT ENCLOSURES.

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16) HFC 315.2.3 - EQUIPMENT ROOMS.(NO STORAGE ALLOWED)

Combustible material shall not be stored in boiler rooms, mechanical rooms or electrical equipment rooms.

Compliance Instructions:

REMOVE ALL COMBUSTIBLE STORAGE FROM THE MECHANICAL ROOMS, BOILER ROOMS AND ELECTRICAL ROOMS.

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17) HFC 315.2.4 - ATTIC, UNDER-FLOOR AND CONCEALED SPACES.

Attic, under-floor and concealed spaces used for storage of combustible materials shall be protected on the storage side as required for 1-hour fire-resistance-rated construction. Openings shall be protected by assemblies that are self-closing and are of noncombustible construction or solid wood core not less than 1.75 inches (44.5 mm) in thickness. Storage shall not be placed on exposed joists.

Exceptions:

- 1. Areas protected by approved automatic sprinkler systems.
- 2. Group R-3 and Group U occupancies.

Compliance Instructions:

REMOVE ALL STORAGE FROM UNDER STAIRWAY

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18) HFC 603.9.2.1 - ROUTINE TESTING. (GAS TEST)

All gas piping systems in Groups A, E, I, R-1 and R-2 occupancies shall be tested at least every five years by a licensed plumber. Systems shall be tested in accordance with the Plumbing Code. A written record shall be maintained and shall be made available to the fire code official upon request.

Compliance Instructions:

SHOW DOCUMENTATION OF A GAS TEST FROM A LICENSED PLUMBER.

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19) HFC 605.3 - WORKING SPACE AND CLEARANCE.(ELECTRICAL EQUIP)

A working space of not less than 30 inches (762 mm) in width, 36 inches (914 mm) in depth and 78 inches (1981 mm) in height shall be provided in front of electrical service equipment. Where the electrical service equipment is wider than 30 inches (762 mm), the working space shall not be less than the width of the equipment. No storage of any materials shall be located within the designated working space.

Exceptions:

- 1. Where other dimensions are required or allowed by the ICC Electrical Code.
- 2. Access openings into attics or under-floor areas which provide a minimum clear opening of 22 inches (559 mm) by 30 inches (762 mm).

Compliance Instructions:

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**PROVIDE A WORKING SPACE AROUND AN ELECTRICAL SERVICE EQUIPMENT IN WIDTH OF 30 INCHES, 36 INCHES IN DEPTH AND 78 INCHES IN HEIGHT.
POWER PANEL DOOR TO "PE" CAN NOT OPEN -- REPAIR**

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20) HFC 605.3.1 - LABELING.(ELECTICAL ROOMS, CIRCUITS)

Doors into electrical control panel rooms shall be marked with a plainly visible and legible sign stating ELECTRICAL ROOM or similar approved wording. The disconnecting means for each service, feeder or branch circuit originating on a switchboard or panelboard shall be legibly and durably marked to indicate its purpose unless such purpose is clearly evident.

Compliance Instructions:

LABEL "BOILER ROOM" AT THE ENTRANCE TO BOILER ROOM AND LABEL "MECHANICAL" IN THE MECHANICAL ROOM WHERE THE ROOF ACCESS IS LOCATED.

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21) HFC 605.6 - UNAPPROVED CONDITIONS.(OPEN WIRING)

Open junction boxes and open-wiring splices shall be prohibited. Approved covers shall be provided for all switch and electrical outlet boxes.

Compliance Instructions:

**PROVIDE PROPER COVER FOR EXPOSED WIRING IN FIRE ALARM ROOM
PROVIDE JUNCTION BOX COVER FOR METAL CONDUIT ON EXTERIOR OF BUILDING NEAR FRONT ENTRANCE PARKING LOT.**

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22) HFC 605.11 - Protection of lighting fixtures and devices.

All permanent or temporary lighting fixtures and devices used in mechanical spaces, service areas, exit accessways, stairways, and parking garages shall be provided with an approved protective device designed to prevent accidental breakage, contact with readily ignitable materials, or creation of electrical shock hazard.

Exceptions:

1. Listed devices approved for use in hazardous locations in accordance with the Electrical Code.
2. Listed incandescent bulbs or fluorescent tubes provided with approved

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shatter- or break-resistive protective coatings.

- 3. Listed devices for exterior use, with approved weather resistant bulbs.
- 4. Fixtures so located as to be suitably protected from accidental damage or breakage.

Compliance Instructions:

PROVIDE AN APPROVED PROTECTION ON ALL LIGHTING FIXTURES, FOR EXAMPLE, THE INTERIOR CORRIDORS, MECHANICAL ROOMS, ELECTRICAL ROOMS, STAIRWAYS, EXIT ENCLOSURES, FEMALE'S SHOWER ROOM, MALE'S SHOWER ROOM, COACHES'S REST ROOM ANI ETC..

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23) HFC 605.2 - Illumination.

Illumination shall be provided for service equipment areas, motor control centers and electrical panelboards.

Compliance Instructions:

ENSURE ALL ELECTRICAL PANEL BOARDS ARE PROVIDED WITH ILLUMINATION.

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24) HFC 703.1 - MAINTENANCE.(FIRE RESISTANCE-RATED CONSTRUCTION)

The required fire-resistance rating of fire-resistance-rated construction (including walls, firestops, shaft enclosures, partitions, smoke barriers, floors, fire-resistive coatings and sprayed fire-resistant materials applied to structural members and fire-resistant joint systems) shall be maintained. Such elements shall be properly repaired, restored or replaced when damaged, altered, breached or penetrated. Openings made therein for the passage of pipes, electrical conduit, wires, ducts, air transfer openings and holes made for any reason shall be protected with approved methods capable of resisting the passage of smoke and fire. Openings through fire-resistance-rated assemblies shall be protected by self- or automatic-closing doors of approved construction meeting the fire protection requirements for the assembly.

Compliance Instructions:

REPLACE MISSING CEILING TILES, FILL VOIDS AROUND METAL CONDUITS AND CABLES WITH FIRE-RATED CAULKING

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25) HFC 807.2 - ACCEPTANCE CRITERIA AND REPORTS.(FLAME RESISTANCE)

Where required to be flame resistant, decorative materials shall be tested by an approved agency and meet the flame propagation performance criteria of NFPA 701, or such materials shall be noncombustible. Reports of test results shall be prepared in accordance with NFPA 701 and furnished to the fire code official upon request.

Compliance Instructions:

SHOW DOCUMENTATION OF ALL CURTAINS TESTED FOR FLAME RESISTANT, TESTED BY AN APPROVED AGENCY AND MEET THE FLAME PROPAGATION PERFORMANCE CRITERIA OF NFPA 701 OR REMOVE ALL CURTAINS.

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26) HFC 901.6.1 - Standards.

Fire protection systems shall be inspected, tested and maintained in accordance with the referenced standards listed in Table 901.6.1 and in accordance with Houston Fire Department LSB Standard No. 02, "Inspection and Testing of Fire Protection and Life-Safety Equipment" and LSB Standard No. 01, "Installation and Maintenance of Portable Fire Extinguishers."

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27) HFC 901.6.2 - Records.

Records of all system inspections, tests and maintenance required by the referenced standards in Table 901.6.1, and all major repairs to the life safety and fire protection equipment systems, shall be maintained on the premises for a minimum of three years and shall be copied to the fire code official upon request.

Exception: Where inspection or testing may be on a 4- or 5- year cycle, the records shall be maintained until the next testing cycle has been completed.

Compliance Instructions:

PROVIDE RECORDS OF ALL SYSTEM INSPECTIONS, TESTS AND MAINTENANCE

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28) HFC 901.6.2.1 - Records information.

Initial records shall include the name of the installation contractor, type of components installed, manufacturer of the components, location and number of components installed per floor. Records shall also include the manufacturers' operation and maintenance instruction manuals. Such records shall be maintained on the premises.

Compliance Instructions:

POST MANUFACTURE'S OPERATIONAL INSTRUCTIONS FOR THE MAIN FIRE ALARM PANEL

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29) HFC 903.2.1.3 - Group A-3.

An automatic sprinkler system shall be provided for Group A-3 occupancies where one of the following conditions exists:

- 1. The fire area exceeds 12,000 square feet (1115 m2);
2. The fire area has an occupant load of 300 or more; or
3. The fire area is located on a floor other than the level of exit discharge.

Exceptions:

- 1. Areas used exclusively as participant sports areas where the main floor area is located at the same level as the level of exit discharge of the main entrance and exit.
2. In lieu of a sprinkler system for a temporary use occupancy, the applicant may agree to provide a fire watch program under which one or more fire fighters of this jurisdiction will be present on the premises at all times when the amusement occupancy is open for use.

Compliance Instructions:

AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED FOR GROUP A-3 OCCUPANCIES WHERE THE FOLLOWING CONDITION EXIST: THE FIRE AREA HAS AN OCCUPANT LOAD OF 300 OR MORE, EXCEPTION: IN LIEU OF A SPRINKLER SYSTEM FOR TEMPORARY USE OCCUPANCY, THE APPLICANT MAY AGREE TO PROVIDE A FIRE WATCH.

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30) HFC 903.2.5 - Group I.

An automatic sprinkler system shall be provided throughout buildings with a Group I fire area.

Exception: An automatic sprinkler system installed in accordance with Section 903.3.1.2 or 903.3.1.3 shall be allowed in Group I-1 facilities.

Compliance Instructions:

AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED THROUGHOUT BUILDINGS WITH A GROUP FIRE AREA.

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31) HFC 904.11.5.2 - Class K portable fire extinguishers for deep fat f

When hazard areas include deep fat fryers, listed Class K portable fire extinguishers shall be provided as follows:

- 1. For up to four fryers having a maximum cooking medium capacity of 80 pounds (36.3 kg) each: One Class K portable fire extinguisher of a minimum 1.5

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gallon (6 L) capacity.

2. For every additional group of four fryers having a maximum cooking medium capacity of 80 pounds (36.3 kg) each: One additional Class K portable fire extinguisher of a minimum 1.5 gallon (6 L) capacity shall be provided.

3. For individual fryers exceeding 6 square feet (0.55 m2) in surface area: Class K portable fire extinguishers shall be installed in accordance with the extinguisher manufacturer's recommendations.

Compliance Instructions:

MOUNT A PORTABLE "K" FIRE EXTINGUISHER WITH A CURRENT INSPECTION TAG FROM A LICENSED FIRE PROTECTION COMPANY.

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32) HFC 906.1 - WHERE REQUIRED. (PORTABLE FIRE EXTINGUISHER)

Portable fire extinguishers shall be installed in the following locations.

1. In new and existing Group A, B, E, F, H, I , M, R-1, R-2, R-4 and S occupancies.

Exception: In new and existing Group A, B and E occupancies equipped throughout with quick- response sprinklers, portable fire extinguishers shall be required only in locations specified in Items 2 through 6.

2. Within 30 feet (9144 mm) of commercial cooking equipment.

3. In areas where flammable or combustible liquids are stored, used or dispensed.

4. On each floor of structures under construction, except Group R-3 occupancies, in accordance with Section 1415.1.

5. Where required by the sections indicated in Table 906.1.

6. Special-hazard areas, including but not limited to laboratories, computer rooms and generator rooms, where required by the fire code official.

Compliance Instructions:

**PROVIDE A MINIMUM PORTABLE 2A 10 BC FIRE EXTINGUISHER WITH A CURRENT INSPECTION TAG FROM A LICENSED FIRE PROTECTION COMPANY IN ANY COOKING AREA. ALL MECHANICAL ROOMS, ELECTRICAL ROOMS, BOILER ROOM, COMPUTER ROOMS AND COPIERS -- MINIMUM 2A 10 BC FIRE EXTINGUISHER WITH A CURRENT INSPECTION TAG FROM A LICENSED FIRE PROTECTION COMPANY
PROVIDE PORTABLE 2A 10 BC FIRE EXTINGUISHERS WITH A CURRENT INSPECTION TAG FROM A LICENSED FIRE PROTECTION COMPANY IN EACH HOSE CABINET AND 2 IN THE GYMNASIUM MOUNTED ON THE REMOTEST END OPPOSITE EACH OTHER**

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33) HFC 904.11.6.4 - Extinguishing system service.

Automatic fire-extinguishing systems shall be serviced and tagged at least every 6 months and after activation of the system. Inspection shall be by qualified individuals, and a record of the service and inspection maintained on premises and made available to the fire code official upon request. See

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Houston Fire Department LSB Standard No. 02, "Inspection and Testing of Fire Protection and Life-Safety Equipment."

Compliance Instructions:

**THE KITCHEN HOOD AUTOMATIC FIRE-EXTINGUISHING SYSTEMS SHALL BE SERVICED AND TAGGED EVERY 6 MONTHS AND MAINTAIN A RECORD ON THE PREMISES.
KITCHEN HOOD AUTOMATIC INSPECTION: DECEMBER OF 2013**

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34) HFC 904.11.6.3 - Cleaning.

Hoods, grease-removal devices, fans, ducts and other appurtenances shall be cleaned at intervals necessary to prevent the accumulation of grease. Cleanings shall be recorded, and records shall state the extent, time and date of cleaning. Such records shall be maintained on the premises.

Compliance Instructions:

KITCHEN HOODS SHALL BE CLEANED TO PREVENT GREASE ACCUMULATION.

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35) HFS 2.4.1.1 - ALARM SYSTEMS TESTED ANNUALLY (MAG LOCK ALSO)

Fire alarm systems shall be tested, and service tagged at the main alarm panel, not less than annually. Testing shall include all smoke detectors, manual pull devices, annunciators, visual indicators and strobes, control units, voice/alarm communications systems and other devices that may be part of the fire alarm system. Exceptions: 1. Heat and flame detection devices shall be tested in accordance with manufacturer s guidelines. 2. Hazardous vapors release detection alarm systems shall be tested in accordance with manufacturer s guidelines. 3. Where an approved electronic exit egress locking device is installed on an exit egress door, in accordance with the Construction Codes, the fire alarm system, relay devices to locking device and at the door shall be tested at least semi-annually to ensure fail-safe operation of the relay and locking device.

Compliance Instructions:

**FIRE ALARM ANNUAL INSPECTION PERFORMED: 6-5-12
PROVIDE A CURRENT FIRE ALARM ANNUAL INSPECTION FROM A LICENSED FIRE PROTECTION COMPANY.**

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36) HFC 1008.1.3.4.2 - REQUIREMENTS. (ELECTRONIC/MAG LOCKS)

Except as specified in other parts of this code, electronic locks shall meet the following requirements:

1. Electronic locks that are electronically locked from the ingress side and can be mechanically unlocked from the egress side, can be fail secure from the ingress side.

Exception: Stairway enclosure re-entry doors required by Section 403 of the Building Code shall be fail safe.

2. Electronic locks that unlock electronically from the egress side shall be fail safe and must be unlocked by a listed direct power-interrupting device without time-delay. If a motion sensor is used, a secondary in-line releasing device in the form of a button conspicuously located near the door shall be installed. If the lock is controlled by a relay, removal of power from the relay shall also cause the lock to fail open.

Exception: Egress-control devices meeting the requirement of Section 1008.1.8.6 may be of the time-delay type.

3. Doors in excess of the number required for exits may be electronically controlled, provided there is a push button deactivating device (minimum of 1 1/2 inch in size) conspicuously located near the door along with a sign stating "PUSH TO OPEN DOOR."

4. An exit door from an elevator lobby may be controlled by an electronic lock with an emergency release device (direct inline power interrupting switch) on the lobby side, provided the building has an automatic fire alarm system, including smoke detectors, located in the lobby and corridors and/or a complete sprinkler system that is interconnected to the fire alarm system. The release device may be either a manual fire alarm pull station or a push button (minimum of 1 1/2 inch in size) located near the door with a sign stating: "PUSH/PULL TO RELEASE DOOR IN AN EMERGENCY." The locking device must release upon activation of the fire alarm or the sprinkler system and must be manually reset after being released.

Compliance Instructions:

THE ELECTRONIC DEVICE LOCATED ON THE SOUTH SIDE EXIT IS PARTIALLY UNINSTALLED. IT HAS TO BE FULLY UNINSTALLED OR PERMITTED AND APPROVED BY THE BUILDING DEPARTMENT PLAN REVIEW BEFORE FULL INSTALLATION. ELECTRONIC LOCKS MUST BE INSPECTED AND TESTED SEMI-ANNUALLY WITH THE FIRE ALARM SYSTEM.

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37) HFC 907.10.2 - Audible alarms.

Audible alarm notification appliances shall be provided and sound a distinctive sound that is not to be used for any purpose other than that of a fire alarm. The audible alarm notification appliances shall provide a sound pressure level of 15 decibels (dBA) above the average ambient sound level or 5 dBA above the maximum sound level having a duration of at least 60 seconds, whichever is greater, in every occupied space within the building. The minimum sound pressure levels shall be: 70 dBA in occupancies in Groups R and I-1; 90 dBA in mechanical equipment rooms; and 60 dBA in other occupancies. The

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maximum sound pressure level for audible alarm notification appliances shall be 120 dBA at the minimum hearing distance from the audible appliance. Where the average ambient noise is greater than 105 dBA, visible alarm notification appliances shall be provided in accordance with NFPA 72 and audible alarm notification appliances shall not be required.

Exception: Visible alarm notification appliances shall be allowed in lieu of audible alarm notification appliances in critical care areas of Group I-2 occupancies.

Compliance Instructions:

PROVIDE DOCUMENTATION OF AUDIBILITY TEST: AMBIENT NOISE LEVEL, ALARM NOISE LEVEL AND DB ABOVE

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38) HFC 907.20.3 - Detector sensitivity.

Detector sensitivity shall be checked within one year after installation and every alternate year thereafter. After the second calibration test, where sensitivity tests indicate that the detector has remained within its listed and marked sensitivity range (or 4-percent obscuration light grey smoke, if not marked), the length of time between calibration tests shall be permitted to be extended to a maximum of five years. Where the frequency is extended, records of detector-caused nuisance alarms and subsequent trends of these alarms shall be maintained. In zones or areas where nuisance alarms show any increase over the previous year, calibration tests shall be performed.

Compliance Instructions:

PROVIDE DOCUMENTATION FROM A LICENSED FIRE PROTECTION COMPANY OF DETECTOR SENSITIVITY.

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39) HFC 1004.3 - Posting of occupant load.

Every room or space that is an assembly occupancy shall have the occupant load of the room or space posted in a conspicuous place, near the main exit or exit access doorway from the room or space. Posted signs shall be of an approved legible permanent design and shall be maintained by the owner or authorized agent. Overcrowding or admittance of any person beyond the approved occupant load shall not be allowed. See Sections 107.5 and 107.6.

Compliance Instructions:

POST OCCUPANT LOAD IN THE LIBRARY

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40) HFC 1008.1.8 - DOOR OPERATIONS. (PASSAGE HARDWARE)

Whenever a building or space is occupied, except as specifically permitted by this section egress doors shall be readily openable from the egress side without the use of a key or special knowledge or effort.

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Compliance Instructions:

ADJUST SELF-CLOSING DEVICE ON EGRESS DOORS

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41) HFC 1008.1.9 - Panic and fire exit hardware.

Where panic and fire exit hardware is installed, it shall comply with the following:

1. The actuating portion of the releasing device shall extend at least one-half of the door leaf width.
2. The maximum unlatching force shall not exceed 15 pounds (67 N) applied in the direction of travel.

Each door in a means of egress from a Group A or E occupancy having an occupant load of 50 or more and any Group H occupancy shall not be provided with a latch or lock unless it is panic hardware or fire exit hardware. Exception: A main exit of a Group A occupancy in compliance with Section 1008.1.8.3, Item 2.

Electrical rooms with equipment rated 1,200 amperes or more and over 6 feet (1829 mm) wide that contain overcurrent devices, switching devices or control devices with exit access doors must be equipped with panic hardware and doors must swing in the direction of egress.

If balanced doors are used and panic hardware is required, the panic hardware shall be the push-pad type, and the pad shall not extend more than one-half the width of the door measured from the latch side.

Compliance Instructions:

REPAIR PANIC HARDWARE ON EXITS

Status	Date	Inspector's ILMS-ID
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42) HFS 2.4.2.4 - TEST OF BATTERY SYSTEMS(EMERGENCY LIGHTING)

An approved licensed master electrician or licensed electrical service company shall test all emergency lighting systems annually. The battery units, whether of the acid or alkali type, shall be tested continuously for a minimum of 90 minutes. Generator units shall be tested in accordance with Section 2.4.3.2 of this standard. Any failures shall be repaired or replaced as soon as possible. Written documentation of testing and results, and repairs/replacements, shall be provided on all equipment.

Compliance Instructions:

PROVIDE DOCUMENTATION FROM AN APPROVED LICENSED MASTER ELECTRICIAN OR LICENSED ELECTRICAL SERVICE COMPANY OF TESTED EMERGENCY LIGHTING SYSTEMS FOR 90 MINUTES WITH THE TEST RESULTS, REPAIRS AND REPLACEMENTS.

Status	Date	Inspector's ILMS-ID
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<< INSPECTION REPORT -- CONTINUED >>

43) HFS 2.5.3.3 - DRY STANDPIPE SYSTEM

Standpipe systems that do not normally contain water in the piping and have to be supplied with water from an outside source. An approved service company performing such testing shall conduct hydrostatic test on the standpipe system every 5 years. System shall be tested with a pressure of not less than 200 psig for 2 hours or at 50 psig over the maximum designed working pressure of the system. Required service tagging of the system at the main control valves and risers shall be provided. Testing shall be conducted in accordance with NFPA 25. The 5-year system test requirement shall include wet standpipes system drained to prevent freeze damage in buildings or structures that are not being occupied.

Compliance Instructions:

PROVIDE DOCUMENTATION OF A HYDROSTATIC TEST PERFORMED ON THE STANDPIPE SYSTEM.

Status	Date	Inspector's ILMS-ID
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44) HFS 2.5.3.4 - HOSE CONNECTION VALVES

Each hose connection valve completely exercised through its full range and return to its normal position at least every 5 years, to check for valve seizure, broken stems, leakage or other conditions that might impair proper operation of the valves. Valves that are not pressure regulated and have water pressure at greater than 150 psig, shall have approved signs on or adjacent to the valves identifying them as HIGH PRESSURE valves. Testing shall be conducted in accordance with NFPA 25. Documentation of testing results and repairs of hose valves shall be maintained and provided to the fire code official upon request. Exception: Pressure Reducing Devices and Pressure Regulating Valves in accordance with this Standard.

Compliance Instructions:

EACH HOSE CONNECTION VALVE SHALL BE EXERCISED THROUGH ITS FULL RANGE AND RETURN TO ITS NORMAL POSITION EVERY 5 YEARS, TO CHECK FOR VALVE SEIZURE, BROKEN STEMS AND LEAKAGE.

Status	Date	Inspector's ILMS-ID
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45) HFC 907.4 - Manual fire alarm boxes.

Manual fire alarm boxes shall be installed in accordance with Sections 907.4.1 through 907.4.5.

Status	Date	Inspector's ILMS-ID
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46) HFC 907.4.1 - Location.

Manual fire alarm boxes shall be located not more than 5 feet (1524 mm) from the entrance to each exit. Additional manual fire alarm boxes shall be located so that travel distance to the nearest box does not exceed 200 feet (60 960 mm).

Compliance Instructions:

<< INSPECTION REPORT -- CONTINUED >>

A MANUAL PULL STATION IS REQUIRED AT THE REAR EXIT OF KITCHEN.

Status	Date	Inspector's ILMS-ID
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47) HFC 105.1.2 - Types of permits.

There shall be two types of permits as follows:

1. Operational permit, issued by the Fire Department. An operational permit allows the applicant to conduct an operation or a business for which a permit is required by Section 105.6 for either:
 - 1.1. A prescribed period.
 - 1.2. Until renewed or revoked.
2. Construction permit, issued by the building official in accordance with the Building Code. A construction permit allows the applicant to install or modify systems and equipment for which a permit is required by and in accordance with the Building Code .

Compliance Instructions:

A CONSTRUCTION PERMIT IS REQUIRED TO INSTALL A NEW INITIATING DEVICE TO THE FIRE ALARM SYSTEM FROM THE BUILDING DEPARTMENT.

Status	Date	Inspector's ILMS-ID
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48) HFC 901.4.1 - Required fire protection systems.

Fire protection systems required by this code or the International Building Code shall be installed, repaired, operated, tested and maintained in accordance with this code.

Compliance Instructions:

SMOKE DETECTORS PARTIALLY HANGING FROM WIRES NEED TO RE-INSTALLED PROPERLY AND OPERATIONAL.

Status	Date	Inspector's ILMS-ID
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49) HFC 404.3.2 - Fire safety plans.

Fire safety plans shall include the following:

1. The procedure for reporting a fire or other emergency.
2. The life safety strategy and procedures for notifying, relocating, or evacuating occupants.
3. Site plans indicating the following:
 - 3.1. The occupancy assembly point.
 - 3.2. The locations of fire hydrants.
 - 3.3. The normal routes of fire department vehicle access.
4. Floor plans identifying the locations of the following:
 - 4.1. Exits.
 - 4.2. Primary evacuation routes.
 - 4.3. Secondary evacuation routes.

<< INSPECTION REPORT -- CONTINUED >>

- 4.4. Accessible egress routes.
 4.5. Areas of refuge.
 4.6. Manual fire alarm boxes.
 4.7. Portable fire extinguishers.
 4.8. Occupant-use hose stations.
 4.9. Fire alarm annunciators and controls.
 5. A list of major fire hazards associated with the normal use and occupancy of the premises, including maintenance and housekeeping procedures.
 6. Identification and assignment of personnel responsible for maintenance of systems and equipment installed to prevent or control fires.
 7. Identification and assignment of personnel responsible for maintenance, housekeeping and controlling fuel hazard sources.
- Compliance Instructions:

COLOR CODE ALL ITEMS:

- IDENTIFY ALL STARTING POINTS WITH THE WORDS: YOU ARE HERE
 -- SHOW PRIMARY AND SECONDARY ROUTES WITH DIRECTIONAL ARROWS FROM WHERE THE OCCUPANT(S) IS LOCATED
 -- HIGHLIGHT ALL EXTERIOR EXITS WITH THE WORD: EXIT
 -- SHOW FIRE EXTINGUISHERS
 -- SHOW THE ASSEMBLY POINT

Status	Date	Inspector's ILMS-ID
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50) HFC 105.8.2 - Re-inspection fee.

Whenever it becomes necessary to make a reinspection (after the initial inspection and one follow-up inspection under Section 105.8 of this code) because of faulty material, faulty workmanship, or incomplete work or for any other reason, the permit holder shall pay for each reinspection a fee of \$343.60, unless a greater fee is specifically required by this code. This fee shall be in addition to all other fees required by this code.

Compliance Instructions:

IF ANY QUESTION(S) CONCERNING THE NOTICE OF VIOLATION, CONTACT THE INSPECTING CODE OFFICIAL.

Status	Date	Inspector's ILMS-ID
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<< INSPECTION REPORT -- CONTINUED >>

51) HFC 105.8.2 - Re-inspection fee

Whenever it becomes necessary to make a re-inspection (after the initial inspection and one follow-up inspection under Section 105.8 of the city fire code), because of faulty material, faulty workmanship, or incomplete work, or for any other reason, the owner, operator, or lessee, shall pay for each re-inspection.

Failure on your part to comply with the indicated violations will subject you to the penalties prescribed by law for such violations.

Inspecting Officer Signature	_____	Date	_____
Copy Received By Signature	_____	Date	_____
Followup Inspection	_____	Date	_____
Scheduled Reinspection Date	_____	Date	_____
Scheduled Reinspection Date	_____	Date	_____
Inspection Complete	_____	Date	_____