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Fire Department

Chief Frederick J. LaMontagne, Jr.

MEMORANDUM

7 October 2009

Re: 645 Congress Street

46-D-22

In accordance with Section 10-22 of Portland City Code, the Fire Chief finds that the following provisions will be permitted with regards to the fire alarm system at 645 Congress Street:

1. Because of the reuse of the existing building, certain existing fire alarm cable may be reused. All such cable shall be Fire Power Limited Plenum (FPLP).
2. In rooms where ceilings are sealed or the space above the ceiling is combustibile, all such cable shall comply with the National Fire Alarm Code, Article 760 of the National Electrical Code (NEC) and current City Code.
3. Where wiring is added or replaced, it shall comply with the National Fire Alarm Code, Article 760 of the National Electrical Code (NEC), and current City Code.
4. It must be verified there is two notification circuits on each floor, providing that every other notification appliance is on a different circuit.
5. An inspection of all fire alarm cables shall be performed prior to any close-in.
6. A special inspections report shall be required for all fire alarm wiring in the building with regards to this agreement.
7. A fire alarm permit is required.

DIVISION 1. GENERALLY

Sec. 6-32. Adoption of the National Electrical Code.

There is hereby adopted for the purpose of regulating the construction, installation, alteration, repair, maintenance and removal of electric conductors and equipment installed within or on public and private buildings or other structures including mobile homes and recreational vehicles and other premises such as yards, carnival parking and other lots and industrial substations; for the purpose of regulating the connection of such installations to a supply of electricity and for the purpose of regulating any other outside conductors on the premises, the National Electrical Code, 1999 edition (as recommended by the National Fire Protection Association), which is adopted and approved and made a part of this Code as fully as if every word were printed herein; provided, however, that where there is a conflict between the rules and requirements of the National Electrical Code, 1999 edition, and the laws of this state or the ordinances of this city, such laws or ordinances shall control. One (1) copy of the code has been and is now on file in the office of the city clerk available for public use, inspection and examination during normal working hours.

(Code 1968, § 304.1; Ord. No. 226-75, § 1, 4-23-75; Ord. No. 635-77, § 1, 10-17-77; Ord. No. 464-81, 1-19-81; Ord. No. 438-84, § 1, 2-22-84; Ord. No. 542-87, § 1, 6-3-87; Ord. No. 111-90, 10-1-90; Ord. No. 171-93, § 1, 12-20-93; Ord. No. 186-95, § 1, 3-6-95; Ord. No. 302-97, § 1, 5-19-97; Ord. No. 138-00, §1, 1-19-00)

State law reference(s)--Authority to adopt codes by reference, 30-A M.R.S.A. § 3003.

Sec. 6-32.5. Additional definitions.

Noncombustible construction: That type of construction in which a degree of fire safety is obtained by the use of noncombustible material for structural members and other building assemblies. Other building assemblies as defined for electrical shall mean metallic systems.

(Ord. No. 186-95, § 2, 3-6-95)

Sec. 6-33. Connections.

(a) Wires in the interior of buildings, or on private premises, shall not be connected with an outside circuit which crosses or runs along or under any street or way of the city

Sec. 6-36. Bypassing service.

It shall be unlawful to breach, jump or bypass in any way any service to a building without first getting permission from Central Maine Power Company or the electrical inspector(except in case of emergency, storms, ice, wind, etc.).

(Code 1968, § 304.22; Ord. No.226-75, § 1, 4-23-75)

Sec. 6-37. Burners.

Any person who is in the business of installing or servicing oil burner equipment must have a license therefor from the state oil burner licensing board. Any alterations, installations, addition of controls, etc. of oil burners must be done by a person having such a license and in addition a permit from the building authority.

(Code 1968, § 304.23; Ord. No. 226-75, § 1, 4-23-75)

Sec. 6-38. Reserved.

Editor's note--Ord. No. 171-93, § 3, adopted Dec. 20, 1993, repealed § 6-38, which pertained to fuses and derived from § 304.24 of the city's 1968 Code as amended by Ord. No. 226-75, § 1, adopted Apr. 23, 1975.

Sec. 6-39. Cables/nonmetallic conduit.

Where cables or nonmetallic conduit are connected back into a service panel, or on new runs of cables or nonmetallic conduit, anti-shorts shall be installed.

(a) Nonmetallic sheathed cable shall not be used in buildings built of noncombustible material.

(b) Rigid PVC shall not be used in buildings built of noncombustible materials.

(Code 1968, § 304.25; Ord. No. 226-75, § 1, 4-23-75; Ord. No. 111-90, 10-1-90; Ord. No. 171-93, § 4, 12-20-93)

Sec. 6-40. Mechanical grounds.

Mechanical grounds shall be connected by the use of a crimp pressure connector or by "wire nuts" or "scotch-locs" inside the wall case and pigtailed to the wall case by a grounding screw and to the green grounding screw on the receptacle.

(Code 1968, § 304.27; Ord. No. 226-75, § 1, 4-23-75)

Sec. 6-41. Fire alarms.