

APPENDIX E

FIRE EXTINGUISHER REQUIREMENTS

To maintain standardization, reduce inventory, minimize confusion and ensure compliance with Fire Code, the OESO-Fire Safety Division requires that the number, location, size and type of extinguishers to be utilized be approved by their office prior to installation. All installations must comply with ADA requirements for reach reaches and protruding objects, ADAAG 4.2 and 4.4 respectively.

Contractors will adhere to recommendations by City of Durham Fire Marshal concerning extinguisher placement and size in new installations. No substitutions are authorized without the prior written permission of the OESO-Fire Safety Division.

When required, OESO will provide the appropriate extinguishers to the Contractors for installation and charge the cost back to the project or the Contractors may purchase the extinguishers from the agent of their choice.

Extinguishers:

The OESO-Fire Safety Division has pre-approved the following extinguishers for installation:

■ Class A (Water) Extinguishers:

2 ½ gal: Amerex, Model 240

■ Class BC (Carbon Dioxide) Extinguishers:

5 lb: Amerex, Model 322

10 lb: Amerex, Model 330

15 lb: Amerex, Model 331

20 lb: Amerex, Model 332

■ Class ABC (Multipurpose Dry Powder) Extinguishers:

2 ½ lb: Amerex, Model A417T

5 lb: Amerex, Model A500

10 lb: Amerex, Model B456

20 lb: Amerex, Model A411

■ Water Mist Extinguishers:

2 ½ gal: Amerex, Model 272

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- Class K Extinguishers:

6 liter: Amerex, Model 260

2 ½ gal: Amerex, Model 262

- Clean Agent Extinguishers:*

14 lb: Pyro-Chem, Model PC 14HA

(*Note: Halon 1211 and Halotron extinguishers are currently being phased out and future installations of Halon 1211 extinguishers or Halotron extinguishers will not be approved.):

Fire Extinguisher Cabinets:

Note: OESO-Fire Safety Division does not require the installation of fire extinguisher cabinets in new installations. However, if the Designer wishes to install such cabinets they will comply with the following requirements:

- The minimum interior dimensions of the cabinet shall be: Height 25", Width 9 ½" and Depth 7½".
- Cabinets shall be flush mounted into the wall and mounted in such a manner that the top interior height shall not exceed 5' as measured from the floor.
- Cabinets shall have flat doors with glass view plates. Bubble fronts are prohibited.
- Doors shall not have a key lock or other permanent type of locking device.
- Handles and latches are acceptable, but not necessary.

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