Sir:

To be in compliance with the Boston Fire Prevention Code 86-1 Section 86-1-01, Regulation and Procedure for Laboratory Fire Safety. The following will be required:

1. **ETHYLENE OXIDE - 100%**
   a. In the area of use, a maximum of a two day supply can be stored in an approved cabinet.
   b. Bulk storage in a central storage facility will be limited to a two week supply.

2. **COMPRESSED GASES** - Volume restrictions for laboratories will be the following:
   a. **PROPANE**
      1. Use a five pound container volume.
      2. When manifolded on equipment where a spare is connected, there shall not be any loose, additional spares in the lab.
      3. If spares are not manifolded to equipment, then only one loose spare per lab is allowed.
   b. **ACETYLENE**
      1. Keep no more than a one month supply.
   c. **HYDROGEN**
      1. Keep no more than a one month supply.

3. **FLAMMABLE GASES REQUIRE THE FOLLOWING:**
   a. Flash back arrester
   b. Metallic tubing when feasible. If there are incompatibilities due to impurities use an impervious material i.e. teflon tubing.

Capt. Thomas C. Scavitto

Special Hazards Officer
Fire Prevention Division
Boston Fire Department

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