

when tested in accordance with methods indicated.

- a. Listing in the current classification or certification books of UL, FM, or ITS (Warnock Hersey) will be considered as constituting an acceptable test report.
2. Firestopping: Any material meeting requirements.
  - a. Fire Ratings: Use any system listed by UL or tested in accordance with ASTM E 814 that has F Rating equal to fire rating of penetrated assembly and minimum T Rating Equal to F Rating and that meets all other specified requirements.
3. Clean substrate surfaces of dirt, dust, grease, oil, loose material, or other matter which may affect bond of firestopping material. Remove incompatible materials which may affect bond. Install backing materials to arrest liquid material leakage.
4. Install materials in manner described in fire test report and in accordance with manufacturer's instructions, completely closing openings. Do not cover installed firestopping until inspected by authority having jurisdiction. Install labeling required by code. Clean adjacent surfaces of firestopping materials. Protect adjacent surfaces from damage by material installation.

### 3.8 INSTRUCTION OF OWNER'S REPRESENTATIVE

- A. After final acceptance of all Work and occupancy of building, provide service to make system adjustments to suit conditions created by the occupancy; instruct Owner's operating personnel in operation adjustment and maintenance procedures of system components and acquaint them with locations and functions of valves, control devices, etc., in the system.
- B. The actual time of this service shall be as directed but shall not be less than 4 hours nor exceed 1 day. Additional time, if required, to fully prepare Owners operating personnel to operate and maintain the system shall be as directed by the Owner at the Owner's expense. Quote rates for this additional time in the Bid Proposal.

### 3.9 CLEANING AND RUBBISH

- A. During the Work, keep the premises clear of rubbish created as a result of the Work. Protect and prevent unnecessary induction of dirt and thoroughly clean all equipment used for temporary heat and/or ventilation, as well as piping, fixtures, and plumbing equipment.
- B. Use and maintain adequate filters in all fan coil equipment used for temporary heat and/or ventilation. Replace with new filters after construction and before units are placed in service. Close all air duct openings to effectively prevent the entrance of dust and construction debris during construction.
- C. On completion of the Work, removed all rubbish and debris resulting from the Work and dispose of same. Thoroughly clean and leave in a satisfactory condition for use all equipment, pipe, fixtures, duct work, etc.

### 3.10 RECORD DRAWINGS

- A. The Architect will furnish one set of blue line prints of the Mechanical drawings as issued for this