

GUIDELINES FOR USE OF PERMANENT SYSTEMS FOR TEMPORARY HEAT

Permanent fan systems may be used when and under conditions approved by the Owner. Generally, fan systems will be permitted to be used when it is impossible or impractical to install other systems, when the use of such systems will not be damaged by cold or other causes, and provided the systems are protected by filters and cleaned in accordance with the requirements below. The use of fan systems shall not relieve the Contractor of their obligation to install other systems, when spaces and surfaces are ready for the installations.

Use of permanent systems will not be allowed unless the all spaces and surfaces are in proper condition for installation of the system. Permanent heaters, convectors, radiation or similar units shall not be used for temporary heat unless they are permanently installed after the finishing of surfaces behind the unit are complete. Permanent heaters, convectors, radiation and similar units shall be installed only by the Mechanical and HVAC Subcontractors. If the surfaces behind are not complete and ready for installation of the permanent devices, then temporary devices and systems, or other heat, shall be provided by the Contractor.

The Contractor shall take all reasonable measures to conserve energy. When fan and duct systems are used, they shall be used only to extent necessary to maintain 50 degrees temperature unless higher temperatures are specifically required for a construction operation or process and the higher temperature is approved by the Owner. Ductwork and fan systems shall have temporary filters installed and changed when required, such that only clean, "like new" ducts are turned over to Owner. The Contractor shall provide filter covers at duct inlets and outlets to prevent dirt accumulation when systems are not in use.

The Contractor shall be responsible for providing, maintaining, cleaning and replacing all filters, both temporary and permanent. Temporary filters must meet or exceed the criteria specified for the permanent filters. Temporary filters shall be installed and maintained during the construction period so that at all times the duct systems are protected from an accumulation of dirt or dust. Filters shall be installed by the Contractor in temporary or permanent locations at areas which are enclosed or areas where finishing operations are in progress as necessary to prevent the spread of dirt and dust to ductwork.

At the completion of the Project and at least one week prior to final inspection date, complete heating systems installed under Contract shall be thoroughly inspected by the Contractor in the presence of the Owner and turned over to Owner in new condition. The Contractor shall clean all units and devices (including vacuuming of insides of units), adjust all equipment and controls and repair or replace damaged units or equipment. The Contractor shall replace all filters used during construction. New permanent filters shall be installed before Owner occupies or accepts the Project.