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DEPARTMENT OF FIRE

Ben Walsh, Mayor

Kitchen Suppression System Permit Submission Requirements

Two (2) full sets of construction documents shall be submitted to the permits desk along with a completed copy of the Fire Suppression Permit Application form.

The submission must include the NFPA design standard and edition used.

Drawings are to be of uniform size and drawn to a recognized scale or fully dimensioned.

Drawings shall contain sufficient detail to evaluate the protection of the hazard(s). Provide floor plan and elevation views with hood location, appliances, pull station and appliances with nozzle locations.

Drawings shall show a detail of the hood and associated ductwork to include dimensions.

Drawing(s) shall show the location of all appliances indicating which appliances require protection, their arrangement under the hood and the hazard area of each appliance.

Details on the system shall include the size, type, brand, length and arrangement of connected piping and the description and location of nozzles so that the adequacy of the system can be determined.

Information shall be submitted pertaining to the location and function of detection devices, operating devices, auxiliary equipment, and electrical circuitry, if used.

Drawing(s) shall indicate maximum flow points available, flow point(s) of each nozzle type; number of each nozzle type utilized, and total flow points actually utilized

Indicate specific temperature rating of the fusible link or heat detector utilized.

Provide Manufacturer's data sheets for the following:

- Hood and ductwork configuration with listed protection criteria.
- Appliances with listed protection criteria.
- Pipe and fittings
- Nozzles
- Extinguishing agent containers
- Detectors, indicators and alarms
- Operating devices
- Fuel shutoff devices
- Portable fire extinguishers
- Where multiple model numbers appear on a single data sheet the model number being used must be highlighted

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