



TOWN OF HARRISBURG FIRE DEPARTMENT Fire Marshal's Office

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www.harrisburgfiredepartment.com



Fire Suppression System Plan Submittal Requirements:

The suppression system submittal shall include a design manual or summary sheet of nozzle applications for the specific pre-engineered system to be installed. Systems shall be designed and installed in accordance with the appropriate NFPA standard.

The submittal shall also include the following:

1. Dimensions of the appliances, nozzle specifications for each appliance, duct, booth, room or plenum protected,
2. The design number of flow points and flow points used by each system bottle.
3. Methods used to shut down devices and/or systems interconnected to the booth, room or plenum. Compressed air, flammable/combustible liquids/powders, makeup air ventilation, conveyers, electric systems, etc... shall be interconnected to the fire suppression system and shut down upon system activation.
4. Plans, calculations, specifications, and other required information shall be reviewed and signed by a design professional certified by the system manufacturer, a Professional Engineer, or other approved certification or equivalent training/experience.
5. Drawings shall be drawn to scale with sufficient clarity and detail to indicate the nature and character of the work. Drawings shall be of a suppression system only.
6. In buildings with a fire alarm installed activation of the system shall activate the fire alarm system. If possible, the system shall be zoned separately from other detection devices.
7. In buildings without fire alarms installed, a horn/strobe shall be installed. Activation of the system shall activate the horn/strobe. The location of the horn/strobe shall be at the discretion of the Fire Official. Specification sheets of the device(s) shall be submitted for review.
8. A sign reading "If Horn Activates, Call 911" shall be installed at the horn/strobe location. The sign shall be red in color with white letters. Sign and Letter size shall be determined by the Fire Official.