



## Automatic fire extinguishing system plan review and permit submittal requirements

Before installing an automatic fire extinguishing system in a building located within the City of Milwaukee, a plan review and permit are required.

In order to show compliance with the relevant City of Milwaukee Code requirements, State Code requirements, and NFPA standards, four sets of drawings must be submitted for review.

### Drawing Standards

The drawings must be drawn by computer or with standard drafting equipment. Hand drawings will not be accepted.

All drawings must be to scale, and the scale must be identified on the drawings. In accordance with standard drafting practice, important dimensions must also be indicated by value, i.e. feet and inches.

The drawings must have enough contrast so that all lines and lettering are readable and able to be microfilmed for record.

### Drawing Contents

Drawings must contain at least the following:

- A floor plan of the room where the system is located. The plan must at least include the location of the hood or other equipment protected, the location of the exit or exits from the room, the location of the system, and the location of the remote activation station.
- An isometric or isometrics showing the system type, size, and manufacturer; pipe sizes and lengths; nozzle sizes and locations; hood size and location; plenum and duct

sizes; and the kitchen or other equipment protected.

- All relevant dimensions must be indicated.
- Any other relevant information needed to determine compliance with code requirements.

### Additional Requirements

In addition to the drawings, a **plan review fee** and permit fee are required. See the plan review fee table to calculate the plan review fee. The permit fee is calculated at 1.5% of the job cost, with a minimum permit fee of \$50.

Drawings that do not meet these standards will be returned along with the application. The permit cannot be approved until acceptable drawings are submitted and reviewed. Please note that work started without a permit is subject to a quadruple fee.