

WFD POLICY

FIRE ALARM SYSTEMS

1. All fire alarm systems, voluntary or required by Minnesota State Building Code (MSBC) or Minnesota State Fire Code (MSFC) shall be installed and maintained as per National Fire Protection Association (NFPA) 72 and 72E, 1996 edition, National Electrical Code and manufacturers requirements.
2. Permits are required for all fire alarm system installations. Permits can be obtained from the Wayzata Fire Marshal or Wayzata Building Inspector at 600 Rice Street, Wayzata, MN 55391 or by phone: 952-404-5301.
3. Two sets of plans and specification sheets shall be submitted to the Wayzata Fire Marshal for approval at least 7 working days before start of installation and shall include:
 - a. Specification data sheets on all components of system.
 - b. Floor plans indicating locations of devices, fire alarm control panel, sub-panels, transponders, enunciator, interconnecting wiring and zoning.
 - c. Power connections including source and branch circuit data.
 - d. Type of back up power system.
 - e. Fire alarm control panel shall be compatible with all devices.
 - f. All components of the system shall be UL or FM listed for their applications. Smoke detectors shall be listed for commercial/industrial use.
4. All systems shall be addressable. Smoke detectors shall be photo-electric. No combination burglar/fire alarm systems are allowed unless approved by the Wayzata Fire Marshal.
5. Power supply for the system shall include battery back-up with a UL listed fire alarm panel. Alarm verification is required for all systems using smoke detectors.
6. The alarm system shall be audible above the ambient noise level in all areas of the building. Audio/visual signaling devices are required.
7. When central station notification is required or provided it must be through a UL or FM listed communicator or control panel.
8. If a smoke detecting system installed in the tenant space of a building is directly connected to the building fire alarm panel, then
 - a. A zone on the alarm panel must identify the tenant space or zone of the building that the system is located (i.e., second floor, west wing).
 - b. A visual annunciation light shall be installed on the corridor side of the main door of the tenants space and activate when the detection system in the tenants space activates.
9. The system shall be tested in the presence of the Wayzata Fire Marshal for final approval. The test will include:
 - a. Random testing of system devices.
 - b. Random testing for system trouble and ground fault trouble.
 - c. Correct operation of back-up power system.