



MARYSVILLE FIRE DISTRICT

REGIONAL FIRE AUTHORITY

Fire Marshal's Office

1635 Grove St. Marysville, WA 98270 - (360) 363-8500
MFInspectors@MFDRA.org - www.marysvillefiredistrict.org



MFD Standard for Fire Alarm Systems

1. SCOPE

This standard covers the permitting, installation, inspection, testing and maintenance of fire alarm systems in the City of Marysville as administered by the city fire marshal (hereinafter referred to as the AHJ). The most current version of NFPA standards shall govern these installations.

Fire sprinkler systems shall meet the requirements of these codes and standards, unless specifically amended or noted otherwise, and as approved by the AHJ:

- A. NFPA 72 fire alarm systems installation standards.
- B. NFPA 70 national electric code.
- C. The International Fire Code (IFC) as amended by the city and state.
- D. The Marysville Municipal Code (MMC) [Chapter 9.04 FIRE CODE](#).

2. DESIGN REQUIREMENTS

- A. All construction documents shall be reviewed by a NICET III, an ESA/NTS Certified Fire Alarm Designer (CFAD) Level III Fire in fire alarms, or a licensed professional engineer (PE) in Washington prior to being submitted for permitting. The reviewing professional shall submit a stamped, signed, and dated letter; or a verification method approved by the local authority having jurisdiction indicating the system has been reviewed and meets or exceeds the design requirements of the state of Washington and the local jurisdiction. (2021 IFC 907.11.2)
- B. Provide a 40F degree low temperature sensor in the riser room.
- C. Provide a locking document box near the FACP.
- D. FACP shall be located in the riser room unless otherwise approved.
- E. Remote annunciator panel(s) required at location of remote riser(s).
- F. Unoccupied building shell; provide a horn/strobe on the address side of the building exterior, and inside the vacant shell space near the riser room, with minimum additional ceiling strobes every 100 feet centered in the building.

3. SUBMITTAL REQUIREMENTS

- A. Working plans of the system(s), per NFPA 72 required documentation.
- B. Data sheets for the system components.
- C. Completed permit application through the City of Marysville.
- D. "Like for like" replacements do not require plans. Submittal shall include a cover sheet providing a description of the work to be performed and manufacturer cut sheets.

4. PERMITS

A fire permit from the city's Building Department is required for all fire alarm installation and modification work. The application for a fire construction permit is available at [City of Marysville Permit Services \(marysvillewa.gov\)](http://CityofMarysvillePermitServices(marysvillewa.gov)). Approved plans and permit inspection cards shall be available onsite for the permitted work. A permit is only valid for the contractor and work designated by the permit.

6. CONTRACTOR LICENSING

All inspection, testing, maintenance and programming not defined as “electrical construction trade” by chapter 19.28 RCW shall be completed by a NICET II or ESA/NTS Certified Fire Alarm Technician (CFAT) Level II Fire in fire alarms (effective July 1, 2018). Proof of licensing shall be available onsite for all workers. (2021 IFC 907.8.4.1)

8. INSPECTIONS

Fire inspections are required from the Marysville Fire District (MFD) for permitted work. **Scheduling Instructions:** please use the permit portal with the City of Marysville to request all fire inspections via: [eTRAKiT \(marysvillewa.gov\)](http://eTRAKiT.marysvillewa.gov). MFD will contact you to confirm appointment time. If you are not contacted the business day prior to the date requested, or if you need to reschedule, please call (360)363-8525 and leave a voicemail. Approved plans and permit inspection cards must be available on site during inspections. The installing contractor shall pretest all systems prior to requesting an inspection. If fire code violations are noted, correction will be required for approval and a re-inspection fee will be assessed via permitting services.

Each system is allotted two inspections by MFD, *unless otherwise approved*:

- 1st Inspection:** Wiring and device placement inspection (available upon request).
- 2nd Inspection:** System Acceptance Testing and Final Approval.

8. MAINTENANCE

The installer shall provide to the owner/occupant instructions on inspecting, testing, and maintaining the system. The fire alarm system shall be inspected and tested periodically to make sure the system is in good working condition.

- A. Fire alarm systems shall be maintained and tested per the procedures in NFPA 72 and manufacturers’ instructions.
- B. Records of work done shall be maintained on-site along with the device user manual for review by the code official.
- C. The maintenance record shall be submitted to the fire code official for review and approval via the TEGRIS FIRE reporting system.

5. EMERGENCY REPAIR WORK

A permit is required for repairs. Emergency repairs may begin without a permit provided the system configuration is not altered and a permit application is submitted the next working business day. A fire inspection is required for final approval of all repair work.

9. SYSTEMS OUT OF SERVICE

Where a required fire protection system is out of service, the fire department and the fire code official shall be notified immediately.

- A. Contact MFD at (360) 363-8500 during business hours Monday-Friday 8am-5pm.
- B. Call 9-1-1 to report fire alarm systems out of service outside of business hours.
- C. Where required by the fire code official, the building shall be either evacuated or an approved fire watch shall be provided for all occupants left unprotected by the shutdown until the fire protection system has been returned to service.
- D. Buildings that have been evacuated shall not be reoccupied without approval from the fire code official.

- E. MFD Fire Watch Guideline shall be followed, including a fire watch log maintained.
<https://www.marysvillefiredistrict.org/services/other/>

9. CHANGE OR TERMINATION OF MONITORING SERVICES

Fire alarm systems are required to be monitored when in service.

- A. The building owner and/or occupant shall notify the fire code official whenever alarm monitoring services are changed, suspended, out of service or terminated.
- B. Notice shall be made in writing, to the fire code official by the monitoring service provider being terminated. (Reference IFC 901.9)