



EDEN PRAIRIE FIRE DEPARTMENT

Department of Fire Prevention Policy



Prevention and Inspections Emergency Responder Radio Coverage

Policy #: 2.2.13

First Issued: April, 2010

Revision: February, 2021

Purpose: Define emergency responder radio coverage requirements for new and existing buildings in the city of Eden Prairie.

Section 1 – Applicable Codes/Required buildings

- a) Minnesota State Fire Code 2020, Appendix “P”
- b) All buildings at least 40 feet in height from lowest grade to the floor of the highest level
- c) All buildings with at least one level below grade
- d) All One or Two Story buildings of type I, or II construction over 100,000 Sq. ft. of floor area (except freestanding parking ramps)

Section 2 – Requirements

- a) At the time of building permit application, the property owner shall acknowledge receipt and the understanding of this policy and Appendix P of the Minnesota State Fire Code.
- b) Obtain an Emergency Responder Radio Coverage Permit through the Eden Prairie Building Department when acquiring building permits.
- c) Complete an entire Emergency Responder Radio Coverage building test, performed by a qualified company at the time the shell and 25% interior finishes are complete and before a Certificate of Occupancy is issued. Provide test results to City of Eden Prairie’s Fire Department - Department of Fire Prevention.
 - a. If Emergency Responder Radio Coverage testing fails within a building, the installation of the bi-directional signal enhancement system shall be installed and operational within 180 days of the testing report by a qualified company.
 - b. A permit with a plan is required for installation.
 - c. After the bi-directional signal enhancement system is installed and operational, a re-test is required?
- d) A Certificate of Occupancy may be delayed in being issued at the discretion of the Building Official until the Emergency Responder Radio Coverage results in a pass.



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Department of Fire Prevention Policy



Section 3 – Compliance Testing and Maintenance

- a) All tests requiring certification shall be conducted, documented and signed by qualified and competent personnel that includes: persons in possession of a current FCC license, or a current technician certification issued by the Associated Public Safety Communications Officials International (APCO) or the Personal Communications Industry Association (PCIA), or a qualified radio engineer licensed as a registered professional engineer by the State of Minnesota.
- b) Testing personnel shall have testing equipment that is appropriate for the testing procedure, and that test equipment shall have been calibrated within six months prior to the testing. All test records shall be retained on the inspected premises by the building owner and a copy shall be submitted to the City of Eden Prairie's Fire Department - Department of Fire Prevention
- c) The written test results shall confirm compliance with Appendix P of the Minnesota State Fire Code.
- d) The certification shall include documentation of the testing individual's qualifications, the methods used to test compliance, test equipment used, and the last calibration date of the test equipment used.
- e) Five-year tests –The building owner shall arrange to have qualified and competent personnel perform a radio coverage test a minimum of once every 5 years to ensure that the radio system continues to meet the requirements of the original acceptance test.
- f) If at any time public safety personnel have radio communication problems in a building that has been tested and not required to have installation, or has already had an installation completed, the fire official may require a new test to be completed.

Section 4 – Appeals

- a) Appeals or request to amend this Statement of Policy should be made directly to the Department of Fire Prevention. At any time, a Fire Code Official, as appointed by the Fire Chief, holds the right to amend or approve variances to this policy.
- b) The Department of Fire Prevention can be contacted by calling 952-949-8556 or via email at firecode@edenprairie.org.