



MARTIN COUNTY FIRE RESCUE

Fire Prevention
800 SE Monterey Road
Stuart, FL 34994
772 288-5633



633.202 Florida Fire Prevention Code. —

(18) The authority having jurisdiction shall determine the minimum radio signal strength for fire department communications in all new high-rise and existing high-rise buildings. Existing buildings are not required to comply with minimum radio strength for fire department communications and two-way radio system enhancement communications as required by the Florida Fire Prevention Code until January 1, 2022.

by December 31, 2019, an existing building that is not in compliance with the requirements for minimum radio strength for fire department communications must apply for an appropriate permit for the required installation with the local government agency having jurisdiction and must demonstrate that the building will become compliant by January 1, 2022.

Existing apartment buildings are not required to comply until January 1, 2025. However, existing apartment buildings are required to apply for the appropriate permit for the required communications installation by December 31, 2022.

NFPA 1

11.10* Two-Way Radio Communication Enhancement Systems.

11.10.1 In all new and existing buildings, minimum radio signal strength for fire department communications shall be maintained at a level determined by the AHJ.

11.10.2 Where required by the AHJ, two-way radio communication enhancement systems shall comply with NFPA 72.

NFPA 72 (2013)

24.5.2* Two-Way Radio Communications Enhancement Systems.

24.5.2.1 General.

24.5.2.2 Radio Coverage. Radio coverage shall be provided throughout the building as a percentage of floor area as specified in 24.5.2.2.1 through 24.5.2.2.3.

24.5.2.2.1 Critical Areas. Critical areas, such as the fire command center(s), the fire pump room(s), exit stairs, exit passageways, elevator lobbies, standpipe cabinets, sprinkler sectional valve locations, and other areas deemed critical by the authority having jurisdiction, shall be provided with 99 percent floor area radio coverage.

24.5.2.2.2 General Building Areas. General building areas shall be provided with 90 percent floor area radio coverage.

24.5.2.2.3 Amplification Components. Buildings and structures that cannot support the required level of radio coverage shall be equipped with a radiating cable system or a distributed antenna system (DAS) with FCC-certified signal boosters, or both, or with a system that is otherwise approved, in order to achieve the required adequate radio coverage.

24.5.2.3 Signal Strength.

24.5.2.3.1 Inbound. A minimum inbound signal strength of 95 dBm, or other signal strength as required by the authority having jurisdiction, shall be provided throughout the coverage area. 24.5.2.3.2 Outbound. A minimum outbound signal strength of 95 dBm at the donor site, or other signal strength as required by the authority having jurisdiction, shall be provided from the coverage area.

For any questions or concerns please contact Russell Norvell rnorvell@martin.fl.us 772-320-3132 or Martin County Fire Prevention at 772-288-5633 or Fire_Prev@martin.fl.us