

Kongres Container

Communication base station EMS safety construction



Overview

What should a fire and EMS Station do?

Practice emergency evacuation. In each of these areas, the fire and EMS station should serve as the model for the community. As with any public or private facility, fire and emergency services stations are subject to theft, vandalism and violence.

What is the design and construction of a fire and emergency services station?

The design and construction of a fire and emergency services station is a long and complicated process. Many different decisions are required, and different people may be involved in those decisions. The factors governing facility design vary from department to department, and even within the organization itself.

When is an in-building emergency responder communication enhancement system required?

Quick answer: An in-building emergency responder communication enhancement system is required by the 2024 edition of NFPA 1, Fire Code, when the radio signal strength within 95 percent of the general floor area and 99 percent of critical floor area is not sufficient to provide a delivered audio quality of 3.0 or above. Want more detail?

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Should a fire and EMS Station serve as a model?

In each of these areas, the fire and EMS station should serve as the model for the community. As with any public or private facility, fire and emergency services stations are subject to theft, vandalism and violence. For staffed stations, these acts are most likely to occur when emergency response personnel are on a call.

What are in-building emergency responder Communications Enhancement

Systems (Ercees)?

These systems are known as in-building emergency responder communications enhancement systems (ERCES). You may also hear them referred to as bi-directional antenna systems, or BDAs. To learn more about these systems and why they are needed, check out this blog. [What Do the Codes Require?](#)

Section 11.10 of the 2024 edition of NFPA 1 covers ERCES.

What should a EMS Station include?

Another special space your station should include is a place for providers to exercise. Consider the specific workouts and equipment your providers are most likely to need and use. Where a firefighter might need to lift heavy weights, an EMS provider may be better served by a rowing machine, says Rodriguez.

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