

Transit systems transport large numbers of people, which is why there are many tight regulations around the safety of these systems.

NFPA 130 is an industry code upheld by the National Fire Protection Association, specifically for applications used in fixed guideway transit systems. It speaks to fire safety regulations for transit environments such as trainways, stations, and ventilation systems.

The standards of NFPA 130 are in place to ensure safety in the event of a fire and provide an environment that protects occupants. It puts limitations on the components used throughout transit systems, including cabling, emergency lighting, signaling systems, and more.

REQUIREMENTS FOR NFPA 130

- Cables must comply with IEEE-1202/FT4 Flame Test to minimize flame spread
- Cables must be wet rated 90°C for water resistance
- Cables must meet the requirements of ANSI/UL 1685 for peak, total, and average smoke density
- Cables must conform to NFPA 70

The listing refers to steps that must be taken to reduce the impact of a fire, such as choosing energy efficient lighting that does not overheat, utilizing cabling that is resistant to high heat, and installing an emergency ventilation system.

Comtran's HUB-Link[®] rail transit cables conform to NFPA 130 specifications and are expertly designed to resist harsh conditions in transit environments, such as extreme temperatures from fires or freezes, rodent damage, and exposure to water and operating fluids. If a fire occurs, the cables can continue to support emergency communications and other critical systems to allow for safe passenger evacuation.