



NFPA EDUCATIONAL MESSAGES

2026 EDITION

DESK REFERENCE FOR THE FIRE SERVICE
AND FIRE AND LIFE SAFETY EDUCATORS

LIGHTERS & MATCHES **YOUTH FIRESETTING AND MISUSE** **FIRE SAFETY AWAY FROM HOME** **PET SAFETY** **CARBON MONOXIDE**

LIGHTNING **HOME** **MEDICAL** **OXYGEN** **CANDLES** **ELECTRICAL** **COLLEGE AND UNIVERSITY HOUSING**

SMOKE ALARMS **COOKING** **CLOTHES DRYERS** **SMOKING** **SPRINKLERS** **IGNITIBLE LIQUIDS AND GASES** **BURNS** **HOME** **HOLIDAYS**

IF YOU ARE ON FIRE **WILDFIRES** **HEATING** **OUTDOOR BURNING** **BATTERY SAFETY** **RESIDENTIAL FIRE EXTINGUISHERS** **FIRE ESCAPE**

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20.9.4 If you plan on installing a home charging device for an electric vehicle, have a licensed electrician install a new, dedicated circuit for your electric vehicle charging device.

20.9.5 Any electric vehicle charging station installed in or around the home should meet the requirements of the latest edition of *NFPA 70®, National Electrical Code®*.

20.9.6 There are two types of home charging for electric vehicles: Level 1 and Level 2 charging.

- **For Level 1 charging:**

- (A) Use the charging cord included with the electric vehicle. These chargers are plugged into a standard household plug (120-volt) outlet.
- (B) Make sure chargers or receptacles have ground-fault circuit interrupter protection.
- (C) Make sure to use a dedicated circuit to charge the vehicle. The circuit should not provide power to any other appliance.

- **For Level 2 charging:**

- (A) Use a 240-volt outlet. A licensed electrician needs to install this type of outlet.
- (B) Only use outdoor rated charging stations outdoors.
- (C) Make sure the charging station is protected from vehicle impact.
- (D) Keep the charging cable off the floor to avoid tripping hazards and prevent cord damage.

20.9.7 Only purchase and use electric vehicle chargers that have been listed by a nationally recognized testing laboratory.

20.9.8 Read and follow the manufacturer's instructions.

20.9.9 Check charger and charging cords for damage before each use. Never use a charger with obvious signs of damage.

20.9.10 Never use a multiplug adapter or extension cord with an electric vehicle charger. Use of extension cords can increase the risk of electric shock and other hazards.

20.9.11 Have a licensed electrician install a residual current device with the charging

unit. It will turn off the power if a fault is detected and help prevent a fire.

20.9.12 Charging equipment should not be installed in an area with heavy foot traffic or near any materials that are flammable or explosive. Protect charging cables and plugs from damage such as being driven over with vehicles.

20.9.13 Place all charging device components out of reach of children and animals when not in use.

20.9.14 Cover the electric vehicle charging station outlet to stop water from entering. Check the manufacturer's guidelines to make sure it is safe to charge your vehicle in wet conditions.

20.9.15 It can be safe to charge an electric vehicle in a garage if the construction is per building code, the electrical system is installed per electrical code, and all safe charging practices are followed.

20.10 9-Volt Batteries

20.10.1 9-Volt Battery Storage

20.10.1.1 Keep batteries in their original packaging until you are ready to use them. If batteries are stored loose, keep the posts covered with masking, duct, or electrical tape. Prevent the posts from coming in contact with metal objects. Do not store them in containers with other batteries.

20.10.1.2 Store batteries upright.

20.10.1.3 Secure batteries to avoid movement when not in use.

20.10.2 9-Volt Battery Disposal

20.10.2.1 9-volt batteries should not be thrown away with the regular trash. They can come in contact with other batteries or pieces of metal and cause a fire.

20.10.2.2 9-volt batteries can be taken to a collection site for household hazardous waste.

20.10.2.3 Before disposing of batteries, cover the positive and negative posts with masking, duct, or electrical tape.