



FLOWER MOUND FIRE DEPARTMENT

FIRE MARSHAL'S OFFICE

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FIRE MARSHAL'S OFFICE POLICY STATEMENT

FEBRUARY 2023

TITLE: Electric Vehicle Charging Stations and Systems

REFERENCE: 2021 International Building Code, Section 406.2.7

SCOPE: This policy shall apply to electric vehicle charging stations in the Town of Flower Mound

Where provided, electric vehicle charging systems shall be installed in accordance with NFPA 70. Electric vehicle charging system equipment shall be listed and labeled in accordance with UL 2202. Electric vehicle supply equipment shall be listed and labeled in accordance with UL 2594. Accessibility to electric vehicle charging stations shall be provided in accordance with IBC Chapter 11.

All-electric vehicle charging system locations shall have a Knox Remote Power Box to allow the fire department to remotely operate a shunt trip breaker to disconnect power to the charging station(s) safely. The Knox Remote Power Box shall be located within 50 feet of, but not less than 30 feet from, the charging station(s). The location of the remote shutoff would be at a point that allows the shutoff operator to see the incident visually and not be somewhere out of the line of sight. The Knox Remote Power Box shall be located such that it is protected from physical damage or against an impact by a motor vehicle.

The height of the Knox Remote Power Box shall be not less than 42" and not more than 48" measured vertically, from the floor level to the Knox Remote Power Box. A sign adjacent to or on the Knox Remote Power Box post shall be distinctly labeled as FIRE DEPT. USE ONLY a minimum of 2" lettering.