



NFPA 70E Summary.

This summary outlines the important aspects of the Standard that the Fire Service should be aware of when responding to incidents involving Hybrid Vehicles. If you would like a copy of these sections of the standard for **FREE (That's right FREE!)** send a self addressed stamped envelope to the address below and I'll mail it to you.

Article 130 – Working On or Near Live Parts

130.1 Justification for Work. Live parts to which an employee might be exposed shall be put into an electrically safe work condition before an employee works on or near them.,

,.. Energized parts that operate at less than 50 volts to ground shall not be required to be deenergized id there will be no increased exposure to electrical burns or to explosion from electrical arc.

130.2 (D) Approach to Exposed Live Parts Operating at 50 volts or More.

- (1) The qualified person is insulated or guarded from the live parts operating at 50 volts or more (insulating gloves or insulating gloves and sleeves are considered insulation only with regard to the energized parts upon which work is being performed), and no uninsulated part of the qualified person's body crosses the Prohibited Approach Boundary set forth in table 130.2 (C).

130.7 Personal and Other Protective Equipment.

- (A) **General.** Employees working in areas where electrical hazards are present shall be provided with, and shall use, protective equipment that is designed and constructed for the part of the body to be protected and for the work to be performed.
- (B) **Care of Equipment.** Protective equipment shall be maintained in a safe, reliable condition. The protective equipment shall be visibly inspected before each use.
- (C) **Personal Protective Equipment.** (This section contains numerous tables and charts. If you want them we'll mail them. See instructions).
- (D) Other Protective Equipment.
 - i. Insulated Tools and Equipment. Employees shall use insulated tools and/or handling equipment when working inside the

Limited Approach Boundary of exposed live parts where tools or handling equipment might make accidental contact. Insulated tools shall be protected from damage to the insulating material.

1. Requirements for Insulated Tools. The following requirements shall apply to insulated tools:
 - a. Insulated tools shall be rated for the voltages on which they are used.
 - b. Insulated tools shall be designed and constructed for the environment to which they are exposed and the manner in which they are used.
 - c.
 - d. Fiberglass-Reinforced Plastic Rods. Fiberglass-Reinforced Plastic Rods and tube must be used for live line tools.

Send a self addressed stamped envelope with a written request to:

DR&W Enterprises, LLC
3 Bridgewood Dr.
Fairport, NY 14450-2614

Offer is good for 1 copy only.

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