

Insulated Hand Tools - Where and When

“OSHA - Electrical, Safeguards for personal protection 1910.335(a)(2)(i)

When working near exposed energized conductors or circuit parts, each employee shall use insulated tools or handling equipment if the tools or handling equipment might make contact with such conductors or parts...”

“2012 Edition NFPA 70E® STANDARD for Electrical Safety in the Workplace® 130.7(D)(1) Insulated Tools and Equipment.

Employees shall use insulated tools or handling equipment, or both, when working inside the **limited approach boundary** of exposed energized electrical conductors or circuit parts where tools or handling equipment might make accidental contact...”

“def. Boundary, Limited Approach

An approach limit at a distance from an exposed energized electrical conductor or circuit part within which a shock hazard exists.”

ex. **Limited Approach Boundary*

Exposed Fixed conductors

50V - 750V AC = 3ft 6in

100V - 1kV DC = 3ft 6in



Cementex has the tools available to help you comply with the stringent standards established by OSHA, NFPA, and CSA. Knowledge, experience, and commitment to quality make Cementex the trusted source for safety tools and equipment.

*2012 NFPA 70E® Tables 130.4 (C)(a), 130.4(C)(b)