

# 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...”

## “2015 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 **restricted approach boundary** of exposed energized electrical conductors or circuit parts where tools or handling equipment might make accidental contact...”

## Cementex Safety Policy Recommendation

As part of our enduring commitment to safety Cementex recommends using 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, Restricted Approach

An approach limit at a distance from an exposed energized electrical conductor or circuit part within which there is an increased likelihood of electric shock, due to electrical arc-over combined with inadvertent movement, for personnel working in close proximity to the energized electrical conductor or circuit part.

(151-750 VAC / 300-1,000 VDC = 1ft)

#### Boundary, Limited Approach

An approach limit at a distance from an exposed energized electrical conductor or circuit part within which a shock hazard exists.” (50-750 VAC / 100-1,000 VDC = 3ft 6in)



**CEMENTEX VOLTAGE RATED INSULATED HAND TOOLS ARE DESIGNED FOR QUALIFIED PROFESSIONAL ELECTRICIANS**  
PRIOR TO EACH USE INSPECT TOOLS FOR CUTS, CRACKS OR OTHER DAMAGE TO INSULATION AS WELL AS MECHANICAL DAMAGE TO TOOLS.  
REMOVE TOOL FROM SERVICE IF **YELLOW INSULATION BECOMES VISIBLE THROUGH ORANGE INSULATION**

#### **2-LAYERS FOR A REASON**

**CEMENTEX 1000V RATED TOOLS ARE INSULATED WITH OUR EXCLUSIVE INSULATING MATERIAL; UTILIZING CONTRASTING COLOR LAYERS ORANGE OVER YELLOW TO PROVIDE POSITIVE IDENTIFICATION OF THE PROTECTIVE VALUE OF CEMENTEX TOOLS.**  
**YOUR SAFETY IS YOUR RESPONSIBILITY. TRUST YOUR EQUIPMENT. TRUST CEMENTEX.**

- Made in the USA
- Comply with IEC 60900 STANDARD
- Comply with ASTM F1505 STANDARD
- Help you meet requirements of OSHA Safety Related Work Practices, NFPA 70E® and CSA Z462
- Marked with international safety symbol  1000V

VOLTAGE RATED INSULATED HAND TOOLS ARE TO BE USED AS A SECONDARY PROTECTION AND ARE NOT TO BE USED IN PLACE OF OTHER REQUIRED PERSONAL PROTECTIVE EQUIPMENT. WHENEVER POSSIBLE, DE-ENERGIZE LINES AND EQUIPMENT PRIOR TO WORKING ON OR AROUND THEM.