



Safety Bulletin EM 385-1-1

Mobile District Safety and Occupational Health Office
Live Line Tools

Bulletin 09-09

The 15 September 2008 Safety Manual (Yellow Book) is now in effect for most new contracts and government operations. Please note the change for live line tools as stated below.

05.I.07 Live-Line (Hot-Line) Tools must be manufactured to meet ASTM F18 series as appropriate to the device and material. The insulating tool portion shall be made of fiberglass-reinforced plastic (FRP).

05.I.08 Only live-line tool poles having a manufacturer's certification to withstand at least the following test shall be used: 100 (kilo Volts) kV ac per ft (305 mm) of length for 5 minutes or 75 kV ac per ft (305 mm) for FRP tools. Records shall be maintained for all live-line tools to demonstrate satisfactory accomplishment of laboratory and shop test.

05.I.09 Wooden tools are not authorized for use. > **All wooden tools shall be replaced with FRP tools within 2 years of date of this manual.**

05.I.10 When using live-line tools, workers shall use voltage rated gloves and not place their hands closer than necessary to energized conductors or to the metal parts of the tool.

05.I.11 Only tools and equipment intended for live-line bare hand work should be used on transmission lines. The tools shall be kept dry and clean and shall be visually inspected before use each day.

