

# NEW AND IMPROVED

*Now with switchable modes for easy compliance with industry test specs*

## WET/DRY HOT-STICK TESTER

**T**est procedures specified by IEEE and OSHA can seem menacing. But, not those about how to test live-line tools.

This tester makes it easy for you to “get with the program.” Based on the original Chance Hot Stick Tester used over the years by conscientious utilities, this new and improved version now has advanced their safety programs into uniform regulations.

It's a common-sense preventive measure for the responsible use of insulated tools on energized transmission and distribution lines.

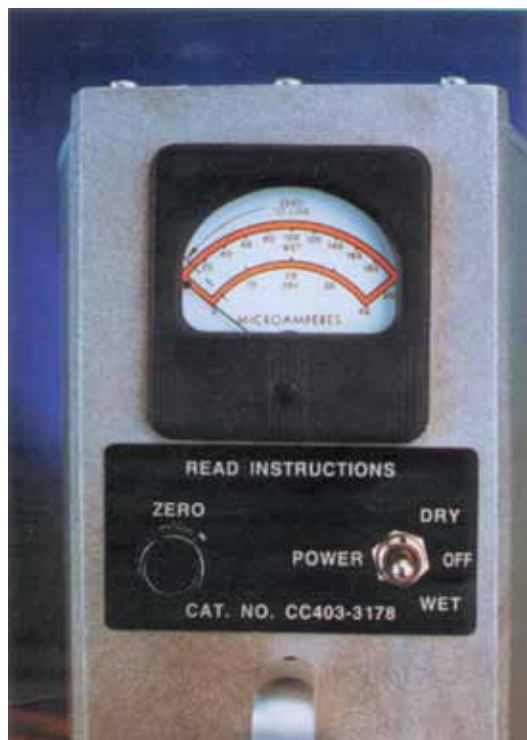
Industry regulations for hot stick testing include IEEE Standard 978-1984 and OSHA Standard 1910.269(j)(2)(iii):

“Live-line tools used for **primary employee protection** shall be removed from service every 2 years and whenever required under paragraph (j)(2)(ii) of this section for examination, cleaning, repair and testing . . .”

**This hand-held unit qualifies for hot stick testing under paragraph 1910.269(j)(2)(iii)(E)(3).**



For wet or dry testing, unit simply takes overlapping readings along the full length of any hot stick up to 3-inch-diameter.



### ON-SITE PORTABILITY, TWO VOLTAGES COVER THE GLOBE

For compliance with industry standards, this tester features wet and dry modes selected by a toggle switch. A portable and self-contained unit, the tester is convenient for spot checks at field jobsites or periodic diagnostics in the workshop. It can test up to a 3-inch-diameter of *any* brand fiberglass-reinforced-plastic (FRP) live-line tool.

Two models are available: Catalog No. C403-3178 for 115-volt operation and C403-3179 for 230 volts.

### NUMERIC READOUT FROM ANALOG METER

In a form one person can carry and operate, the tester actually performs the equivalent of full-scale test setups for both Wet (75kV per foot) and Dry (100kV per foot). In either case, the meter displays the increase in leakage current due to placing the meter on a hot stick. This value may be compared to the level allowable by the individual utility.

This quantitative test result immediately indicates the stick's true leakage condition, *inside and out*. It detects leakage currents due to surface and internal contamination, independent of stray currents because the tester is “zeroed” while empty before each use.

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Before each use, just:

- Set the meter needle to zero with nothing in the Tester.
- Self-test the Tester with the Check Bar included.



*Video of 'how-to' basics included with Tester also is available free from library.*

#### OPERATING EASE, FREE VIDEOTAPE OFFER

Simple to operate, the tester comes with a Check Bar to verify the unit is functional before each use. Besides a fully-illustrated Owners Manual, which must be read and understood before operating the tester, a seven-minute videotape is included with each unit. Not a substitute for the manual, the instructional tape demonstrates "how-to" basics for Setup, Dry and Wet tests. The tape also may be borrowed free of charge from the Hubbell Power Systems Video Library.

#### WET/DRY SWITCH UPGRADE AVAILABLE FOR OLD MODELS

If you own a previous Chance LS-80 or LS-81 Tester with a Pass/Fail meter, the Wet/Dry selector-switch circuitry can be factory retrofitted. Simply contact your Chance Customer Service Representative to get your old unit upgraded. ■



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NOTE: Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.