Dielectric Safety Testing & Inspection Process – Hotsticks

Burlington Safety Laboratory Inc.

1 Cleaning

Thorough cleaning of each hotstick and hot arm using a solvent to effectively remove all contaminants from the surface of the equipment, enabling technicians to assess its readiness for dielectric testing.

2 Preliminary Visual Test

Careful examination of the surface for any signs of surface discoloration, cracks, or fiber "hairs" fraying out of the stick. If such fraying is observed, it indicates that the stick requires a new epoxy coating.

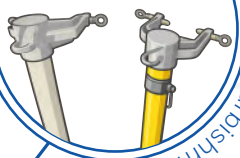
3 Dielectric Testing

Hotsticks are tested at the set voltage and length per ASTM F3121 of F711. Defects are meticulously documented for analysis and remediation, ensuring all sticks meet safety standards before deployment.

4 Visual Inspection

Thorough functional and visual inspection to ensure all parts are present and examine the fiberglass for any signs of damage or wear resulting from the dielectric test.

5 Optional Replacement or Refurbishment



Ultimately, the decision between repair, replacement, and refurbishment depends on the extent and nature of the damage observed during the visual inspection.

6 Wax Coating Application

Helps to enhance durability and resistance to environmental factors, ensuring prolonged lifespan and optimal performance of the equipment during use.

7 Certification Sticker

This certification sticker serves as a visible indication of compliance with safety standards and facilitates easy identification and tracking of the equipment's testing history.

8 Ship or Pickup

Pickup or efficient delivery of the tested hotsticks to the designated recipients, facilitating their prompt integration into their operations.

Get Your Hotsticks Tested Every 2 Years

2 Week Turnarounds - Meets Standards of ASTM F3121 and F711 - Accredited by NAIL and PET

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