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Standard Specification for Insulated and Insulating Hand Tools¹

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1. Scope

1.1 This specification covers the acceptance testing of insulated and insulating hand-held tools used for working on, or in close proximity to, energized electrical apparatus or conductors operating at maximum voltage of 1000- V ac or 1500- V dc.

1.2 The use and maintenance of these tools is are beyond the scope of this specification.

1.3 The values stated in SI units are to be regarded as the standard. The inch-pound units given in parentheses are for information only.

1.4 The following precautionary caveat pertains to the test method portion only, Section 7₁ of this specification: *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

1.5 This specification does not purport to address all of the safety problems associated with the use of tools on, or in close proximity to, energized electrical apparatus.

2. Referenced Documents

2.1 ASTM Standards:

D 149 Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies²

¹ This specification is under the jurisdiction of ASTM Committee F18 on Electrical Protective Equipment for Workers and is the direct responsibility of Subcommittee F18.35 F18.20 on Tools and Equipment—Tools.

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