ASTM Volume 10.03, June 2024

D4652-20 Standard Specification for Silicone Liquid Used for Electrical Insulation

D2225-20 Standard Test Methods for Silicone Liquids Used for Electrical Insulation

D1934-20 Standard Test Method for Oxidative Aging of Electrical Insulating Liquids by Open-Beaker Method

F1430/F1430M-20 Standard Test Method for Acoustic Emission Testing of Insulated and Non-Insulated Aerial Personnel Devices with Supplemental Load Handling Attachments

F914/F914M-20 Standard Test Method for Acoustic Emission for Aerial Personnel Devices Without Supplemental Load Handling Attachments

D1533-20 Standard Test Method for Water in Insulating Liquids by Coulometric Karl Fischer Titration

F3283/F3283M-18 Standard Specification for the Manufacturing of High-Voltage Proximity Alarm to be used for the Detection of Overhead High Voltage Alternating Current (AC)

D1169-19a Standard Test Method for Specific Resistance (Resistivity) of Electrical Insulating Liquids

F1826-00(2021) Standard Specification for Live Line and Measuring Telescoping Tools

D8086-20 Standard Test Method for Determination of Methanol and Ethanol in Electrical Insulating Liquids of Petroleum Origin by Headspace (HS)-Gas Chromatography (GC) Using Mass Spectrometry (MS) or Flame Ionization Detection (FID)

F1116-21 Standard Test Method for Determining Dielectric Strength of Dielectric Footwear

F2973-21 Standard Specification for Insulating Lifting Links for Load Lifting Equipment Working Near Energized Power Lines

D2129-17 Standard Test Method for Color of Clear Electrical Insulating Liquids (Platinum-

Cobalt Scale)

D1933-03(2017) Standard Specification for Nitrogen Gas as an Electrical Insulating Material

D1903-08(2017) Standard Practice for Determining the Coefficient of Thermal Expansion of Electrical Insulating Liquids of Petroleum Origin, and Askarels

D2300-08(2017) Standard Test Method for Gassing of Electrical Insulating Liquids Under Electrical Stress and Ionization (Modified Pirelli Method)

D2029-97(2017) Standard Test Methods for Water Vapor Content of Electrical Insulating Gases by Measurement of Dew Point

D1534-95(2017) Standard Test Method for Approximate Acidity in Electrical Insulating Liquids by Color-Indicator Titration

D2759-00(2017) Standard Practice for Sampling Gas from a Transformer Under Positive Pressure

D3612-02(2017) Standard Test Method for Analysis of Gases Dissolved in Electrical Insulating Oil by Gas Chromatography

D3487-16e1 Standard Specification for Mineral Insulating Oil Used in Electrical Apparatus

F712-06(2018) Standard Test Methods and Specifications for Electrically Insulating Plastic Guard Equipment for Protection of Workers

F3272-18 Standard Guide for Selection, Care, and Use of Arc Protective Blankets

F1701-12(2018) Standard Specification for Unused Rope with Special Electrical Properties

D4059-00(2018) Standard Test Method for Analysis of Polychlorinated Biphenyls in Insulating Liquids by Gas Chromatography

F2715-19 Standard Specification for Temporary Protective Equipotential Bond Mat To Be Used on De-Energized Equipment

F1891-19 Standard Specification for Arc and Flame Resistant Rainwear

F696-06(2019) Standard Specification for Leather Protectors for Rubber Insulating Gloves and Mittens

F2939-13(2019)e1 Standard Specification for High Voltage Phasing Testers

F2677-08a(2019) Standard Specification for Electrically Insulating Aprons

F1117-03(2019) Standard Specification for Dielectric Footwear

F1796-19 Standard Specification for High Voltage Detectors—Part 1 Capacitive Type to be Used for Voltages Exceeding 600 Volts AC

F1825-03(2019) Standard Specification for Clampstick Type Live Line Tools

D2685-11(2019) Standard Test Method for Air and Carbon Tetrafluoride in Sulfur Hexafluoride by Gas Chromatography

D1816-12(2019) Standard Test Method for Dielectric Breakdown Voltage of Insulating Liquids Using VDE Electrodes

D877/D877M-19 Standard Test Method for Dielectric Breakdown Voltage of Insulating Liquids Using Disk Electrodes

D3284-05(2019) Standard Practice for Combustible Gases in the Gas Space of Electrical Apparatus Using Portable Meters

D2284-11(2019) Standard Test Method for Acidity of Sulfur Hexafluoride

D4768-11(2019) Standard Test Method for Analysis of 2,6-Ditertiary-Butyl Para-Cresol and 2,6-Ditertiary-Butyl Phenol in Insulating Liquids by Gas Chromatography

F1564-13(2019)e1 Standard Specification for Structure-Mounted Insulating Work Platforms for Electrical Workers

F1742-03(2020) Standard Specification for PVC Insulating Sheeting

D971-20 Standard Test Method for Interfacial Tension of Insulating Liquids Against Water by the Ring Method

F1505-16(2021) Standard Specification for Insulated and Insulating Hand Tools

D1275-15 Standard Test Method for Corrosive Sulfur in Electrical Insulating Liquids

D6871-17 Standard Specification for Natural (Vegetable Oil) Ester Fluids Used in Electrical Apparatus

D2779-92(2020) Standard Test Method for Estimation of Solubility of Gases in Petroleum Liquids

D5282-05(2020) Standard Test Methods for Compatibility of Construction Material with Silicone Fluid Used for Electrical Insulation

D3827-92(2020) Standard Test Method for Estimation of Solubility of Gases in Petroleum and Other Organic Liquids

D2477-07(2020) Standard Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Insulating Gases at Commercial Power Frequencies

D831/D831M-12(2020) Standard Test Method for Gas Content of Cable and Capacitor Oils

D3283-98(2020) Standard Specification for Air as an Electrical Insulating Material

D3300-20 Standard Test Method for Dielectric Breakdown Voltage of Insulating Liquids Under Impulse Conditions

D3455-11(2019) Standard Test Methods for Compatibility of Construction Material with Electrical Insulating Oil of Petroleum Origin

D7150-13(2020) Standard Test Method for the Determination of Gassing Characteristics of

Insulating Liquids Under Thermal Stress

D2440-13(2021) Standard Test Method for Oxidation Stability of Mineral Insulating Oil

D2864-21a Standard Terminology Relating to Electrical Insulating Liquids and Gases

D2144-07(2021) Standard Practices for Examination of Electrical Insulating Oils by Infrared Absorption

D3635-13(2021) Standard Test Method for Dissolved Copper In Electrical Insulating Oil By Atomic Absorption Spectrophotometry

D2668-07(2021) Standard Test Method for 2,6-di-tert-Butyl- p-Cresol and 2,6-di-tert-Butyl Phenol in Electrical Insulating Oil by Infrared Absorption

D120-22 Standard Specification for Rubber Insulating Gloves

D1050-05(2022) Standard Specification for Rubber Insulating Line Hose

F479-06(2022) Standard Specification for In-Service Care of Insulating Blankets

F1506-22 Standard Performance Specification for Flame Resistant and Electric Arc Rated Protective Clothing Worn by Workers Exposed to Flames and Electric Arcs

F2621/F2621M-22 Standard Practice for Evaluating Response Characteristics of Safety Products in an Electric Arc Exposure

D117-22 Standard Guide for Sampling, Test Methods, and Specifications for Electrical Insulating Liquids

D1049-98(2022) Standard Specification for Rubber Insulating Covers

D1524-15(2022) Standard Test Method for Visual Examination of Used Electrical Insulating Liquids in the Field

D1048-22 Standard Specification for Rubber Insulating Blankets

F1797-18(2022) Standard Test Method for Acoustic Emission Testing of Insulated and Non-Insulated Digger Derricks

D8240-22e1 Standard Specification for Less-Flammable Synthetic Ester Liquids Used in Electrical Apparatus

F2522-12(2022) Standard Test Method for Determining the Protective Performance of a Shield Attached on Live Line Tools or on Racking Rods for Electric Arc Hazards

F3121/F3121M-17(2022) Standard Guide for In-Service Inspection, Maintenance, and Electrical Testing of Hand-Held Live-Line Insulating Tools (Fiberglass-Reinforced Plastic (FRP))

F711-17(2022) Standard Specification for Fiberglass-Reinforced Plastic (FRP) Rod and Tube Used in Live Line Tools

F2320-18(2022) Standard Specification for Rubber Insulating Sheeting

D178-22 Standard Specification for Rubber Insulating Matting

D8180-23 Standard Specification for Rerefined Mineral Insulating Liquid Used in Electrical Apparatus

F2676/F2676M-22 Standard Specification for Arc Protective Blankets

F855-23 Standard Specifications for Temporary Protective Grounds to Be Used on Deenergized Electric Power Lines and Equipment

D5222-23 Standard Specification for Less Flammable High Molecular Weight Hydrocarbon Mineral Electrical Insulating Liquids

F2321-23 Standard Specification for Flexible and Rigid Insulated Temporary By-Pass Jumpers

F1236-23 Standard Guide for Visual Inspection of Electrical Protective Rubber Products

F819-23 Standard Terminology Relating to Electrical Protective Equipment for Workers

F2174-02(2023) Standard Practice for Verifying Acoustic Emission Sensor Response

F2178/F2178M-23a Standard Specification for Arc Rated Eye or Face Protective Products

F2675/F2675M-23 Standard Test Method for Determining Arc Ratings of Hand Protective Products Developed and Used for Electrical Arc Flash Protection

F478-14a(2023) Standard Specification for In-Service Care of Insulating Line Hose and Covers

F887-23 Standard Specifications for Personal Climbing Equipment

D924-23 Standard Test Method for Dissipation Factor (or Power Factor) and Relative Permittivity (Dielectric Constant) of Electrical Insulating Liquids

D923-15(2023) Standard Practices for Sampling Electrical Insulating Liquids

D1051-23 Standard Specification for Rubber Insulating Sleeves

D2112-15(2023) Standard Test Method for Oxidation Stability of Inhibited Mineral Insulating Oil by Pressure Vessel

D2472-15(2023) Standard Specification for Sulfur Hexafluoride

F496-23 Standard Specification for In-Service Care of Insulating Gloves and Sleeves

D5837-15(2023) Standard Test Method for Furanic Compounds in Electrical Insulating Liquids by High-Performance Liquid Chromatography (HPLC)

D6786-15(2023) Standard Test Method for Particle Count in Mineral Insulating Oil Using Automatic Optical Particle Counters

D7151-15(2023) Standard Test Method for Determination of Elements in Insulating Oils by

Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES)

F1959/F1959M-23a Standard Test Method for Determining the Arc Rating of Materials for Clothing

F3258-23 Standard Specification for Protectors for Rubber Insulating Gloves Meeting Specific Performance Requirements

F2249-24 Standard Specification for In-Service Test Methods for Temporary Grounding Jumper Assemblies Used on De-Energized Electric Power Lines and Equipment

D2140-23e1 Standard Practice for Calculating Carbon-Type Composition of Insulating Oils of Petroleum Origin