ASTM COMMITTEE F18
ELECTRICAL PROTECTIVE EQUIPMENT FOR WORKERS

February 14, 2020

F18 MAIN COMMITTEE:
SCOPE: The development of test methods, specifications, practices and definitions; the promotion of knowledge, and the stimulation of research relating to tools, materials and equipment used by a worker or group of workers for protection from electrical hazards. The committee will coordinate its activities with other ASTM Committees and other organizations having common interests.

MAIN COMMITTEE OFFICERS

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SUBCOMMITTEE F18.15 ON WORKER PERSONAL EQUIPMENT
Chairman: Mark Rath  (318) 862-2101  marath@aep.com
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Secretary:

SCOPE: Development of standards by manufacturers, users, and consultants, for manufacturing specifications of equipment, use of equipment, methods for testing the equipment, and inspection requirements. Equipment includes insulating rubber gloves, rubber sleeves, personal climbing equipment, and dielectric overshoes.

Task Groups:

F18.15.07 on F887 Standard Specification for Personal Climbing Equipment
Chairman: Andy Batty  (607) 773-2400  sales@buckinghammfg.com

F18.15.10 on Non-Leather Protectors
Chairman: Craig Howell  (773) 289-9596  craighowell@magidglove.com

F18.15.11 on F1117 In Service Care and Use for Dielectric Rubber Overshoes
Chairman: Steve Mayfield  (925) 389-9747  Steve.Mayfield@suppliesandsolutions.com

F18.15.12 on Test Methods for Arc Testing of Rubber Sleeves
Chairman: James Thomas  (706) 889-4485  James.Thomas@coastalelectric.coop

F18.15.14 on Revisions to F496, D120, and F1116
Chairman: Steve Mayfield  (925) 389-9747  Steve.Mayfield@suppliesandsolutions.com

The following standards are under the jurisdiction of Subcommittee F18.15. See the Website at www.astm.org for the most current editions.

D120  Standard Specification for Rubber Insulating Gloves
D1051 Standard Specification for Rubber Insulating Sleeves
F496 Standard Specification for In-Service Care of Insulating Gloves and Sleeves
F696 Standard Specification for Leather Protectors for Rubber Insulating Gloves and Mittens
F887 Standard Specification for Personal Climbing Equipment
F1116 Standard Test Method for Determining Dielectric Strength of Dielectric Footwear
F1117 Standard Specification for Dielectric Footwear
F2677 Standard Specification for Electrically Insulating Aprons
SUBCOMMITTEE F18.25 ON INSULATING COVER-UP EQUIPMENT

Chairman: Mike Harbaugh  (620) 792-1717  petlab@petl.com
Vice Chairman: Vladimir Ostrovsky  (630) 343-3768  vladimir.ostrovsky@honeywell.com
Secretary:

SCOPE: Development of specifications and test methods for insulating protective cover-up equipment, including but not limited to, matting, blankets, covers, line hose, plastic guard equipment, PVC, and rubber sheeting.

Task Groups:

F18.25.20 on F2320 Rubber Sheeting
Chairman: Vladimir Ostrovsky  (847) 679-6700  vladimir.ostrovsky@honeywell.com

F18.25.22 on D1048 Insulating Blanket Test Current
Chairman: Fred Von Herrmann  (205) 879-8137  fredvon@voncorp.com

F18.25.23 on Review of DC Testing
Chairman: Terry Bast  (330) 904-7315  tcbast@hanco.com

F18.25.24 on F712 Insulating Plastic Guard
Chairman: Jim Rauckman  (618) 222-7100  jim@rauckman.com

F18.25.25 on Care and Use Standard on Plastic Guard Cover-up
Chairman: Alex Kearney  (250) 727-5275  alex.kearney@bchydo.com

The following standards are under the jurisdiction of F18.25. See the Website at www.astm.org for the most current editions.

D178 Standard Specification for Rubber Insulating Matting
D1048 Standard Specification for Rubber Insulating Blankets
D1049 Standard Specification for Rubber Insulating Covers
D1050 Standard Specification for Rubber Insulating Line Hose
F478 Standard Specification for In Service Care of Insulating Line Hose and Covers
F479 Standard Specification for In Service Care of Insulating Blankets
F712 Standard Test Methods and Specifications for Electrically Insulating Plastic Guard Equipment for Protection of Workers
F1742 Standard Specification for PVC Insulating Sheeting
F2320 Standard Specification for Rubber Insulating Sheeting
SUBCOMMITTEE F18.35 ON TOOLS AND EQUIPMENT
Chairman:  Mark Green  (267) 533-1844  mark.green@exeloncorp.com
Vice Chairman:  Jeff Russo  (609) 841-4331  jrusso@cementexusa.com
Secretary:  Joseph Cardona  (573) 682-8403  jcardona@hubbell.com

SCOPE:  Development of specifications and methods for in-service testing of tools and equipment to provide adequate protection to workers for their particular occupational hazards.  Provide detailed requirements for tools and equipment and specifications for the significant materials used in their manufacture. Development of test methods and detailed requirements for in-service integrity for tools and equipment that provide electrical protection for workers.

Task Groups:

F18.35.45 on In Service Test Method for Hook Ladders
Chairman:  Larry Bereswill  (573) 682-8546  lgberesw@hubbell.com

F18.35.47 on Meter Puller w/Shield
Chairman:  Mikhail Golovkov  (215) 393-5958  mgolovkov@msn.com

F18.35.49 Review of F1505
Chairman:  Jeff Russo  (609) 841-4331  JRusso@CementexUSA.com

The following standards are under the jurisdiction of F18.35.  See the Website at www.astm.org for the most current editions.

F1505 Standard Specification for Insulated and Insulating Hand Tools
F1701 Standard Specification for Unused Polypropylene Rope with Special Electrical Properties
F1796 Standard Specification for High Voltage Detectors - Part 1 Capacitive Type to be Used for Voltages Exceeding 600 Volts AC
F1825 Standard Specification for Clampstick Type Live Line Tools
F1826 Standard Specification for Live Line and Measuring Telescoping Tools
F2522 Standard Test Method for Determining the Protective Performance of a Shield Attached on Live Line Tools or on Racking Rods for Electric Arc Hazards
F2939 Standard Specification for High Voltage Phasing Testers
F3283/F3283M Standard Specification for the Manufacturing of High-Voltage Proximity Alarm to be used for the Detection of Overhead High Voltage Alternating Current (AC)
**SUBCOMMITTEE F18.45 ON MECHANICAL APPARATUS**

Chairman: Lewis Shaw  (269) 908-0288  Lewis.Shaw.PE@outlook.com  
Vice Chairman: Steve Mayfield  (925) 389-9747  Steve.Mayfield@suppliesandsolutions.com  
Secretary:  

**SCOPE:**  Development of specifications and test methods for electrical protective mechanical equipment, including but not limited to, temporary protective grounds, by-pass jumpers, equipotential mats, and induction breaking devices.  

**Task Groups:**  

**F18.45.15 on Revision of F2249**  
Chairman: Lewis Shaw  (296) 908-0288  Lewis.Shaw.PE@outlook.com  

**F18.45.21 on F855 Standard Specification for Temporary Protective Grounds to Be Used on De-Energized Electric Power Lines and Equipment**  
Chairman: Lewis Shaw  (296) 908-0288  Lewis.Shaw.PE@outlook.com  
Vice Chairman: Larry Bereswill  (573) 682-8546  lgberesw@hubbell.com  

**F18.45.22 on Revision of F2321**  
Chairman: Lewis Shaw  (296) 908-0288  Lewis.Shaw.PE@outlook.com  

The following standards are under the jurisdiction of Subcommittee F18.45. See the Website at [www.astm.org](http://www.astm.org) for the most current editions.  

**F855** Standard Specification for Temporary Protective Grounds to Be Used on De-Energized Electric Power Lines and Equipment  
**F2249** Standard Specification for In-Service Test Methods for Temporary Grounding Jumper Assemblies Used on De-energized Electric Power Lines and Equipment  
**F2321** Standard Specification for Flexible and Rigid Insulated Temporary By-Pass Jumpers  
**F2715** Standard Specification for Temporary Protective Equipotential Bond Mat To Be Used On De-Energized Equipment
SUBCOMMITTEE F18.55 ON Non-Destructive Test Methods for Aerial Devices
Chairman: Steve Mayfield (925) 389-9747 Steve.Mayfield@suppliesandsolutions.com
Vice Chairman:
Secretary:

SCOPE: The development of methods, procedures, and inspection practices for the non-destructive testing of aerial personnel devices, used primarily by workers for electrical protection.

Task Groups:

F18.55.02 Revision of F914, F1430, F1797 to increase the number of channels for date acquisition.
Chairman: Bill Veal (478) 957-2250 wcveal@gmail.com

The following standards are under the jurisdiction of Subcommittee F18.55. See the Website at www.astm.org for the most current editions.

F1797 Standard Test Method for Acoustic Emission Testing of Insulated Digger Derricks
F2174 Standard Practice for Verifying Acoustic Emission Sensor Response
SUBCOMMITTEE F18.60 ON TERMINOLOGY
Chairman: Ed Moore (919) 467-3605 edmoorecsp@earthlink.net
Vice Chairman: Bill Shinn (812) 453-9160 bill.shinn@e-hazard.com
Secretary: Richard Rivkin (847) 400-2601 rrivkin@saftgard.com

SCOPE: Development of standards defining and otherwise describing common terms used in ASTM Committee F18 standards on electrical protective equipment for workers. Acts as a resource for other subcommittees which need to write definitions.

Task Groups:

F18.60.01 Revision of F1236 Standard Guide for Visual Inspection of Electrical Protective Rubber Products
Chairman: Jeff Russo (609) 841-4331 JRusso@CementexUSA.com

The following standards are under the jurisdiction of Subcommittee F18.60. See the Website at www.astm.org for the most current editions.

F819 Standard Terminology Relating to Electrical Protective Equipment for Workers
F1236 Standard Guide for Visual Inspection of Electrical Protective Rubber Products
SUBCOMMITTEE F18.65 ON WEARING APPAREL
Chairman:  Randy Wade  (215) 841-5263  randy.wade@peco-energy.com
Vice Chairman:  Marcia Eblen  (209) 403-7261  mleengineering@comcast.net
Secretary:  Sara Olsen  (780) 902-7519  sara.olsen@marks.com

SCOPE:  Development of specifications and test methods for protective wearing apparel for electrical workers, including but not limited to, fabrics, clothing, rainwear, and eye and face protection.

Task Groups:

F18.65.23 Revision of F1506 Standard Performance Specification for Flame Resistant and Arc Rated Textile Materials for Wearing Apparel for Use by Electrical Workers Exposed to Momentary Electric Arc and Related Thermal Hazards
Chairman:  Marcia Eblen, PE  Phone: (209) 403-7261  mleengineering@comcast.com

Chairman:  Claude Maurice  (647) 526-9265  claude.maurice@kinectrics.com

F18.65.26 Study of Arc Plasma Exposure and Proposal of Test Method
Chairman:  Mikhail Golovkov  (215) 393-5958  mgolovkov@msn.com

F18.65.28 Blast Blanket Guide
Chairman:  Hugh Hoagland  (502) 716-7073  hugh@arcwear.com

F18.65.29 Review Standard F2676 Test Method for Determining the Protective Performance of an Arc Protective Blanket for Electric Arc Hazards
Chairman:  Hugh Hoagland  (502) 716-7073  hugh@arcwear.com

Chairman:  Hugh Hoagland  (502) 716-7073  hugh@arcwear.com

F18.65.31 Review Standard F1891 Standard Specification for Arc and Flame Resistant Rainwear
Chairman:  Andrew Wirts  (812) 254-7393  awirts@nascoinc.com

F18.65.32 Review of F2621 Standard Practice for Determining Response Characteristics and Design Integrity of Arc Rated Finished Products in an Electrical Exposure
Chairman:  Hugh Hoagland  (502) 314-7158  hugh@arcwear.com

F18.65.33 Conductive Suits
Chairman:  Tom Verdeccchio  (609) 864-2416  tverdecchio@comcast.net

F18.65.34 F1506 Arc Flash Suits
Chairman:  Jack Hirschmann  (800) 322-3348  jhirschmann@oberoncompany.com
The following standards are under the jurisdiction of Subcommittee F18.65. See the Website at www.astm.org for the most current editions.

**F1506** Standard Performance Specification for Flame Resistant Textile Materials for Wearing Apparel for Use by Electrical Workers Exposed to Momentary Electric Arc and Related Thermal Hazards

**F1891** Standard Specification for Arc and Flame Resistant Rainwear


**F1959/F1959M** Standard Test Method for Determining the Arc Thermal Performance Value of Materials for Clothing

**F2178** Standard Test method for Determining the Arc Rating and Standard Specification of Eye and Face Protective Products

**F2621** Standard Practice for Determining Response Characteristics and Design Integrity of Arc Rated Finished Products in an Electric Arc Exposure

**F2675** Standard Test Method for Determining Arc Ratings of Hand Protective Products Developed and Used for Electrical Arc Flash Protection

**F2676** Standard Test Method for Determining the Protective Performance of an Arc Protective Blanket for Electric Arc Hazards

**F3272** New Guide for Selection, Care and Use of Arc Protective Blankets
SUBCOMMITTEE F18.90 EXECUTIVE SUBCOMMITTEE

F18 MAIN COMMITTEE, SUBCOMMITTEE CHAIRS AND PAST CHAIR

Task Team F18.90.01 ON IEC WC 78 TAG ACTIVITIES

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SCOPE: Administrator for the United States National Committee (USNC) Technical Advisory Group (TAG) for IEC/TC 78.

Task Groups:
The US TC78 TAG is a Task Group of Subcommittee F18.90. It consists of SMEs in areas covered by TC78 and may include additional members who are not members of F18.78. SMEs who are members of the US TC78 TAG are subject to the “pay to play” fee to ANSI. Conversely, not all members of F18.78 may wish to serve as SMEs on the TAG.

SUBCOMMITTEE F18.93 on NATIONAL/INTERNATIONAL STANDARDS ACTIVITIES

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SCOPE: Establishes, maintains and coordinates liaison with national and international standards organizations with activities related to the scope of F18. This Subcommittee, as part of its liaison activities, acts in an established protocol to coordinate the use or transfer of technical information in whole or in part between F18 and other standards organizations.

SUBCOMMITTEE F18.94 on LONG RANGE PLANNING

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Secretary:

SCOPE: Addresses long range planning for the Committee. Periodically evaluates Committee operations relative to Committee scope, industry needs, and other related activities. Develops and recommends to the Executive Subcommittee a long range plan which considers Committee performance and future direction.

SUBCOMMITTEE F18.95 on AWARDS

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Secretary:

SCOPE: Responsible for, but not limited to, submission of nominations for the ASTM Award of Merit, F18 Award of Excellence, Committee Honorary Members, Committee Wall Plaques and Certificates of Appreciation, and any other Committee and Society awards.