

ASTM COMMITTEE F18
ELECTRICAL PROTECTIVE EQUIPMENT FOR WORKERS

August 10, 2019

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

Chairman:	James “Doug” Lovette 9704 Gulf Chase Lane Knoxville, TN 37923	Phone: (865) 694-6846 powermgr@att.net
First Vice Chairman:	Samuel B. Stonerock Southern California Edison Co. 1 Innovation Way Pomona, CA 91768	Phone: (909) 274-3455 samuel.stonerock@sce.com
Second Vice Chairman:	Mark Green PECO Energy 2610 S. Delaware Ave. 2 nd Floor Philidelphia, PA 19148	(267) 533-1844 mark.green@exeloncorp.com
Recording Secretary:	Terry C. Bast Hanco International 1605 Wayneburg Dr. S.E. Canton, OH 44707	Phone: (330) 456-4728 tcbast@hanco.com
Membership Secretary:	Marcia Eblen, PE MLE Engineering Inc. 10113 Del Almendra Dr. Oakdale, CA 95361	Phone: (209) 403-7261 mleengineering@comcast.net
Staff Manager:	Krista Robbins ASTM 100 Barr Harbor Drive West Conshohocken, PA 19428-2959	Phone: (610) 832-9689 krobbins@astm.org

SUBCOMMITTEE F18.15 ON WORKER PERSONAL EQUIPMENT

Chairman: Mark Rath (318) 862-2101 marath@aep.com
Vice Chairman: Jon Martin (925) 866-5723 jon.martin@pge.com
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 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 us for dielectric rubber overshoes

Chairman: Ed Dzambazi (773) 289-1348 EdDzambazi@magidglove.com

F18.15.12 on arc testing of rubber sleeves

Chairman: James Thomas (706) 889-4485 James.Thomas@coastalelectric.coop

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:	Heather Bevins	(918) 606-7015	HEATHERBEVINS@MSN.COM

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
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F18.25.22 on D1048 Insulating Blanket Test Current

Chairman:	Fred Von Herrmann	(205) 879-8137	fredvon@voncorp.com
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F18.25.23 on Review of DC Testing

Chairman:	Terry Bast	(330) 456-4728	tcbast@hanco.com
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F18.25.24 on F712 Insulating Plastic Guard

Chairman:	Jim Rauckman	(618) 222-7100	jim@rauckman.com
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F18.25.25 on Care and Use Standard on Plastic Guard Cover-up

Chairman:	Alex Kearney	(250) 727-5275	alex.kearney@bchydo.com
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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:	Edward Morson	(215) 339-2806	EDWARD.MORSON@EXELONCORP.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
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F18.35.47 on Meter Puller w/Shield

Chairman:	Mikhail Golovkov	(215) 393-5958	mgolovkov@msn.com
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F18.35.48 High Voltage Detectors

Chairman:	Rick Kennerly	(803) 786-4839	rickkennerly@bellsouth.net
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F18.35.49 Review of F1505

Chairman:	Jeff Russo	(609) 841-4331	JRusso@CementexUSA.com
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The following standards are under the jurisdiction of F18.35. See the Website at www.astm.org for the most current editions.

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

F1505 Standard Specification for Insulated and Insulating Hand Tools

F1564 Standard Specification for Structure-Mounted Insulating Work Platforms for Electrical Workers

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

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

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) 945-9541 lshaw@hfgp.com
Vice Chairman: Steve Mayfield (925) 866-1412 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) 945-9541 lshaw@hfgp.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) 945-9541 lshaw@hfgp.com
Vice Chairman: Larry Bereswill (573) 682-8546 lgberesw@hubbell.com

F18.45.22 on Revision of F2321

Chairman: Lewis Shaw (296) 945-9541 lshaw@hfgp.com

The following standards are under the jurisdiction of Subcommittee F18.45. See the Website at 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) 866-1412 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.

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

F914 Standard Test Method for Acoustic Emission for Insulated and Non-Insulated Aerial Personnel Devices Without Supplemental Load Handling Attachments

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

F1797 Standard Test Method for Acoustic Emission Testing of Insulated Digger Derricks

F2174 Standard Practice for Verifying Acoustic Emission Sensor Response

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

Task Groups:

F18.55.01 Revision of F2973 Standard Specification for Insulating Lifting Links for Load Lifting Equipment Working Near Energized Power Lines

Chairman: Bill Veal (478) 957-2250 wveal@gmail.com

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.

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

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
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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

F18.65.24 Revision of F1959 Standard Test Method for Determining the Arc Thermal Performance Value of Materials for Clothing

Chairman: Claude Maurice (647) 526-9265 claudemaurice@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

F18.65.30 Review Standard F2178 Standard Test Method for Determining the Arc Rating and Standard Specification for Eye and Face Protective Products

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 Verdecchio (609) 864-2416 tverdecchio@comcast.net

F18.65.34 F1506 Arc Flash Suits

Chairman: TBD

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

F1958/F1958M Standard Test Method for Determining the Ignitability of Non-flame-Resistant Materials for Clothing by Electric Arc Exposure Method Using Mannequins

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

Chairman: George Gela (413) 822-0523 ggela@berkshireelectric.com
Vice Chairman: Samuel B. Stonerock (909) 274-3455 samuel.stonerock@sce.com
Secretary:

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

Chairman: Bill Shinn (812) 453-9160 bill.shinn@e-hazard.com
Vice Chairman:
Secretary:

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

Chairman: Sam Stonerock (909) 274-3455 samuel.stonerock@sce.com
Vice Chairman: Ed Moore (919) 467-3605 edmoorecsp@earthlink.net
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

Chairman: Mark Green (267) 533-1844

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Vice Chairman: Ernie Pauliny (732) 281-7904

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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.