

**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**

Chairman:	Samuel B. Stonerock Southern California Edison Co. 1 Innovation Way Pomona, CA 91768	Phone: (909) 274-3455 <a href="mailto:samuel.stonerock@sce.com">samuel.stonerock@sce.com</a>
First Vice Chairman:	Terry C. Bast Hanco International 1605 Waynesburg Dr. S.E. Canton, OH 44707	Phone: (330) 904-7315 <a href="mailto:tcbast@hanco.com">tcbast@hanco.com</a>
Second Vice Chairman:	Mark Green PECO Energy 2610 S. Delaware Ave. 2 <sup>nd</sup> Floor Philadelphia, PA 19148	(267) 533-1844 <a href="mailto:mark.green@exeloncorp.com">mark.green@exeloncorp.com</a>
Recording Secretary:	Heather Bevins M. W. Bevins 9903 East 54th Street Tulsa, OK 74146	(918) 606-7015 <a href="mailto:heatherbevins@msn.com">heatherbevins@msn.com</a>
Membership Secretary:	Marcia Eblen, PE MLE Engineering Inc. 10113 Del Almendra Dr. Oakdale, CA 95361	Phone: (209) 403-7261 <a href="mailto:mleengineering@comcast.net">mleengineering@comcast.net</a>
Staff Manager:	Krista Robbins ASTM 100 Barr Harbor Drive West Conshohocken, PA 19428-2959	Phone: (610) 832-9689 <a href="mailto:krobbins@astm.org">krobbins@astm.org</a>

## **SUBCOMMITTEE F18.15 ON WORKER PERSONAL EQUIPMENT**

Chairman: Mark Rath (318) 862-2101 [marath@aep.com](mailto:marath@aep.com)  
Vice Chairman: Jon Martin (925) 866-5723 [jon.martin@pge.com](mailto: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 F887 Standard Specification for Personal Climbing Equipment**

Chairman: Andy Batty (607) 773-2400 [sales@buckinghammfg.com](mailto:sales@buckinghammfg.com)

#### **F18.15.10 on Non-Leather Protectors**

Chairman: Craig Howell (773) 289-9596 [craighowell@magidglove.com](mailto:craighowell@magidglove.com)

#### **F18.15.11 on F1117 In Service Care and Use for Di- Electric Rubber Overshoes**

Chairman: Steve Mayfield (925) 389-9747 [Steve.Mayfield@suppliesandsolutions.com](mailto: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](mailto:James.Thomas@coastalelectric.coop)

#### **F18.15.14 on Revisions to F496, D120, and F1116**

Chairman: Steve Mayfield (925) 389-9747 [Steve.Mayfield@suppliesandsolutions.com](mailto:Steve.Mayfield@suppliesandsolutions.com)

The following standards are under the jurisdiction of Subcommittee F18.15. See the Website at [www.astm.org](http://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](mailto:petlab@petl.com)  
Vice Chairman: Vladimir Ostrovsky (630) 343-3768 [vladimir.ostrovsky@honeywell.com](mailto: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](mailto:vladimir.ostrovsky@honeywell.com)

#### **F18.25.22 on D1048 Insulating Blanket Test Current**

Chairman: Fred Von Herrmann (205) 879-8137 [fredvon@voncorp.com](mailto:fredvon@voncorp.com)

#### **F18.25.23 on Review of DC Testing**

Chairman: Terry Bast (330) 904-7315 [tcbast@hanco.com](mailto:tcbast@hanco.com)

#### **F18.25.24 on F712 Insulating Plastic Guard**

Chairman: Jim Rauckman (618) 222-7100 [jim@rauckman.com](mailto: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](mailto:alex.kearney@bchydo.com)

The following standards are under the jurisdiction of F18.25. See the Website at [www.astm.org](http://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	<a href="mailto:mark.green@exeloncorp.com">mark.green@exeloncorp.com</a>
Vice Chairman:	Jeff Russo	(609) 841-4331	<a href="mailto:jrusso@cementexusa.com">jrusso@cementexusa.com</a>
Secretary:	Joseph Cardona	(573) 682-8403	<a href="mailto:jcardona@hubbell.com">jcardona@hubbell.com</a>

**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	<a href="mailto:lgberesw@hubbell.com">lgberesw@hubbell.com</a>
-----------	-----------------	----------------	--

#### **F18.35.47 on Meter Puller w/Shield**

Chairman:	Mikhail Golovkov	(215) 393-5958	<a href="mailto:mgolovkov@msn.com">mgolovkov@msn.com</a>
-----------	------------------	----------------	--

#### **F18.35.49 Review of F1505**

Chairman:	Jeff Russo	(609) 841-4331	<a href="mailto:JRusso@CementexUSA.com">JRusso@CementexUSA.com</a>
-----------	------------	----------------	--

The following standards are under the jurisdiction of F18.35. See the Website at [www.astm.org](http://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) 908-0288 [Lewis.Shaw.PE@outlook.com](mailto:Lewis.Shaw.PE@outlook.com)  
Vice Chairman: Steve Mayfield (925) 389-9747 [Steve.Mayfield@suppliesandsolutions.com](mailto: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](mailto: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](mailto:Lewis.Shaw.PE@outlook.com)  
Vice Chairman: Larry Bereswill (573) 682-8546 [lgberesw@hubbell.com](mailto:lgberesw@hubbell.com)

#### **F18.45.22 on Revision of F2321**

Chairman: Lewis Shaw (296) 908-0288 [Lewis.Shaw.PE@outlook.com](mailto: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](mailto: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 data acquisition.**

Chairman: Bill Veal (478) 957-2250 [wcveal@gmail.com](mailto:wcveal@gmail.com)

The following standards are under the jurisdiction of Subcommittee F18.55. See the Website at [www.astm.org](http://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

## **SUBCOMMITTEE F18.60 ON TERMINOLOGY**

Chairman:	Ed Moore	(919) 467-3605	<a href="mailto:edmoorecsp@earthlink.net">edmoorecsp@earthlink.net</a>
Vice Chairman:	Bill Shinn	(812) 453-9160	<a href="mailto:bill.shinn@e-hazard.com">bill.shinn@e-hazard.com</a>
Secretary:	Richard Rivkin	(847) 400-2601	<a href="mailto:rivkin@saftgard.com">rivkin@saftgard.com</a>

**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	<a href="mailto:JRusso@CementexUSA.com">JRusso@CementexUSA.com</a>
-----------	------------	----------------	--

The following standards are under the jurisdiction of Subcommittee F18.60. See the Website at [www.astm.org](http://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](mailto:randy.wade@peco-energy.com)  
Vice Chairman: Marcia Eblen (209) 403-7261 [mleengineering@comcast.net](mailto:mleengineering@comcast.net)  
Secretary: Sara Olsen (780) 902-7519 [sara.olsen@marks.com](mailto: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](mailto: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 [claudio.maurice@kinectrics.com](mailto:claudio.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](mailto:mgolovkov@msn.com)

#### **F18.65.28 Blast Blanket Guide**

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

#### **F18.65.33 Conductive Suits**

Chairman: Tom Verdecchio (609) 864-2416 [tverdecchio@comcast.net](mailto:tverdecchio@comcast.net)

#### **F18.65.34 F1506 Arc Flash Suits**

Chairman: Jack Hirschmann (800) 322-3348 [jhirschmann@oberoncompany.com](mailto:jhirschmann@oberoncompany.com)

The following standards are under the jurisdiction of Subcommittee F18.65. See the Website at [www.astm.org](http://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	<a href="mailto:ggela@berkshireelectric.com">ggela@berkshireelectric.com</a>
Vice Chairman:	Samuel B. Stonerock	(909) 274-3455	<a href="mailto:samuel.stonerock@sce.com">samuel.stonerock@sce.com</a>
Secretary:	Eriks Surmanis		<a href="mailto:e.surmanis@pdc-cables.com">e.surmanis@pdc-cables.com</a>

**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	<a href="mailto:bill.shinn@e-hazard.com">bill.shinn@e-hazard.com</a>
Vice Chairman:	Samuel B. Stonerock	(909) 274-3455	<a href="mailto:samuel.stonerock@sce.com">samuel.stonerock@sce.com</a>
Secretary:	Joshua Vollman	(916) 366-2789	<a href="mailto:joshua.vollman@smud.org">joshua.vollman@smud.org</a>

**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:	Terry Bast	(330) 904-7315	<a href="mailto:tcbast@hanco.com">tcbast@hanco.com</a>
Vice Chairman:	Ed Moore	(919) 467-3605	<a href="mailto:edmoorecsp@earthlink.net">edmoorecsp@earthlink.net</a>
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	<a href="mailto:mark.green@exeloncorp.com">mark.green@exeloncorp.com</a>
Vice Chairman:	Ernie Pauliny	(732) 281-7904	<a href="mailto:ernie.pauliny@comcast.net">ernie.pauliny@comcast.net</a>
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.