

Minutes
Electrical Power Working Group

Thursday 2 June 2016

14:00 – 17:00 EDT; 13:00 – 16:00 CDT; noon – 15:00 MDT; 11:00 – 14:00 PDT
WebEx

Chairpersons:

Mitch Heffer; USITT; P; U
Ken Vannice; Ken Vannice LLC; I; G

Recording secretaries:

Erin Grabe & Karl G. Ruling; ESTA

Members attending:

Alan M. Rowe; IATSE Local 728; A; U
Art Wanuch; Entertainment Electrical Safety Committee of Ontario; P; G
Darryl Ross; TMB; P; MP
Don Earl; Earl Girls, Inc.; P; DR
Edwin S. Kramer; I.A.T.S.E. Local 1; P; U
Justin Bennett; University of the Incarnate Word; P; U
Keith S. Woods; Lakhri Impressions Ltd., representing IATSE Local 891; P; U
Larry Schoeneman; DesignLab Chicago, Inc.; P; DR
Matthew Antonucci; Contract Services Administration Trust Fund; P; U
Michael Lay; Philips Color Kinetics (Philips Lighting); P; MP
Nehad El-Sherif; I; G
Rodger Dean; R. Dean Lighting Ltd, representing Entertainment Electrical Safety Committee of Ontario; A; G
Roger Lattin; I.A.T.S.E. Local 728; P; U
Tyrone Mellon_Jr.; Lex Products (Lex TM3); P; CP

Visitor: Robert Ennis; CSATF

1 Opening remarks

The meeting was called to order by Mitch Heffer at 14:04.

2 Attendance and membership

2.1 Introduction of those present and taking attendance

Karl Ruling had noted who was present as they signed in to the WebEx meeting. He read his attendance sheet aloud for confirmation to the group.

2.2 Determination of quorum

Mitch Heffer announced that a quorum was present.

2.3 Recognition of alternate voting members

2.4 Requirements for membership, *new*

The following statement was read aloud to the assembly by Mitch Heffer:

Membership is open to all who are affected by the work of the group. Voters who would be in the designer or dealer/rental company interest category in particular are encouraged to become members. There is an annual \$100 participation fee for all members. Voting members are required to attend meetings and to vote on letter ballots. Voting members and their alternates may not miss three consecutive meetings or three consecutive letter ballots without a loss of voting status.

2.5 Changes to observer status

These members have missed the last two meetings and will become observers if they fail to attend this one:

Elizabeth E. (Lizz) Pittsley
 Brian Eustace; Mole-Richardson
 Jeff T. Miller, the Walt Disney Company

These people were not present, so they were changed to observers.

2.6 Processing of new and other membership requests

None.

2.7 Consensus body

The full consensus body during this meeting, including those not present was:

Delegate	Organization or company	Voting status	Int. cat.
James Eade	ABTT	P	G
James Davey	AC Power Distribution Inc.	P	CP
George Long	Aggreko	P	DR
Matthew Antonucci	Contract Services Administration Trust Fund	P	U
Heather Rowe	Contract Services Administration Trust Fund	A	U
Larry Schoeneman	DesignLab Chicago, Inc.	P	DR
Don Earl	Earl Girls, Inc.	P	DR
Steve Terry	Electronic Theatre Controls, Inc.	P	MP
Art Wanuch	Entertainment Electrical Safety Committee of Ontario	P	G
Ian Foulds	Entertainment Electrical Safety Committee of Ontario	A	G
Rodger Dean	Entertainment Electrical Safety Committee of Ontario	A	G
Edwin S. Kramer	I.A.T.S.E. Local 1	P	U
Roger Lattin	I.A.T.S.E. Local 728	P	U
Alan M. Rowe	I.A.T.S.E. Local 728	A	U
Stephen Vanciel	IATSE Local 631	P	U
Keith S. Woods	IATSE Local 891	P	U
Ken Vannice	Ken Vannice LLC	I	G
Bob Luther	Lex TM3	A	CP
Tyrone Mellon_Jr.	Lex TM3	P	CP
Nehad El-Sherif	Nehad El-Sherif	I	G
Michael Lay	Philips Lighting	P	MP
Jerry Gorrell	Theatre Safety Programs	P	U
Darryl Ross	TMB	P	MP
Justin Bennett	University of the Incarnate Word	P	U
Mitch Hefter	USITT	P	U
	Total votes possible	20	

Totals by interest categories.	2	CP
	3	MP
	0	DE
	3	DR
	8	U
	4	G

3 Approval of the minutes from the previous meeting

See EPmin03-2016.pdf.

Larry Schoeneman moved that the minutes be approved as written. The motion was seconded and then approved with a unanimous voice vote.

4 Reading of the call for patents

The following statement was read aloud to the assembly by Mitch Heffer:

ESTA intends not to publish any standard that contains protected intellectual property, unless that information can be licensed by anyone for a reasonable fee. ESTA uses a process of open patent and copyright disclosures to implement its intent. ESTA does not conduct patent or copyright searches and does not warrant that its standards contain no protected intellectual property.

In keeping with the open disclosures policy, I ask if anyone present wishes to notify this working group of the existence of a patent, patent application, copyright, or other intellectual property that might protect material in a standard being developed by this working group. You need not be the holder of the patent or copyright to notify this working group of its existence.

Nothing was revealed.

5 Reading of the anti-trust statement

The following statement was read aloud to the assembly by Mitch Heffer:

ESTA and its members take seriously their obligation to comply with all applicable antitrust laws. Therefore, during this meeting and during all ESTA events, all discussions will be limited to those subjects that are permitted by the antitrust laws. All members should refrain from any discussion or mention of competitively sensitive subjects such as the current or future prices charged for any member product or services, current or future marketing plans or strategies, and current or future costs, including employee salaries. There also must be no agreement on the suppliers or customers that members will do business with or the markets in which members will conduct business.

Violations of the antitrust laws can have serious consequences. If you have any questions or concerns about anything that is discussed at a ESTA meeting, please bring your concern to ESTA management. An easy to read pamphlet describing the antitrust laws is available from the ESTA staff.

Copies of the pamphlet were held up by Erin Grabe and Karl Ruling in front of their webcams. No restraint of trade problems were brought to the attention of the assembly.

6 Approval of agenda

Larry Schoeneman moved that the agenda be accepted. The motion was seconded. There was no discussion. The motion carried with a unanimous voice vote.

7 Other business and announcements

None.

8 Old business - task group reports

8.1 ANSI E1.16-2002 (R2012) Configuration Standard for Metal Halide Ballast Power Cables (Revision, reaffirmation, or withdrawal by 2017)
No news or action at this time.

8.2 ANSI E1.19 – 2015, Recommended Practice for the Use of Class A Ground-Fault Circuit Interrupters (GFCIs) Intended for Personnel Protection in the Entertainment Industry (Revision, reaffirmation, or withdrawal by 2020)
No news or action at this time.

8.3 ANSI E1.24 - 2012, pin connectors (Revision, reaffirmation, or withdrawal by 2017)
No news or action at this time.

8.4 ANSI E1.32 - 2012, Guide for the Inspection of Entertainment Industry Incandescent Lamp Luminaires (Revision, reaffirmation, or withdrawal by 2017)
No news or action at this time.

8.5 BSR E1.51—A Canadian E1.18

Approval of comment resolutions and next steps. See E1-51_4thRevwDraftResols.pdf and BSR_E1-51_CanadianFeederCableR7.pdf.

Rodger Dean moved that we accept the comment resolutions. The motion was seconded. There was discussion.

Matt Antonucci asked for clarification on what the vote to approve the resolutions would do. It was explained that the vote would only be to approve the resolutions. Are they appropriate and adequate? What happens next would be another motion.

Keith Woods said that he doesn't like the resolutions (all of his objections were rejected), but in another public review he will voice his objections again.

Ty Mellon asked about the language in the resolutions. They make it clear what the action is, but they don't use the words he is used to seeing, such as "Reject," or "Accept in principle (or principal), or "Accept." There was a brief discussion of the language used by different standards organizations. Mitch Hefter noted that the NFPA now does not reject a comment calling for a change; it "resolves" the comment by making no change. This is more confusing.

The motion was approved by the required supermajority with a roll call ballot.

Delegate	Representation	Voting status	Int. cat.	Yes	No	Abstain
James Eade	ABTT	P	G	0	0	0
James Davey	AC Power Distribution Inc.	P	CP			
George Long	Aggreko	P	DR			
Matthew Antonucci	Contract Services Administration Trust Fund	P	U	1		
Heather Rowe	Contract Services Administration Trust Fund	A	U			
Larry Schoeneman	DesignLab Chicago Inc.	P	DR	1		
Don Earl	Earl Girls Inc.	P	DR	1		
Steve Terry	Electronic Theatre Controls Inc.	P	MP			
Art Wanuch	Entertainment Electrical Safety Committee of Ontario	P	G	1		
Rodger Dean	Entertainment Electrical Safety Committee of Ontario	A	G			
Ian Foulds	Entertainment Electrical Safety Committee of Ontario	A	G			

Delegate	Representation	Voting status	Int. cat.	Yes	No	Abstain
Edwin S. Kramer	I.A.T.S.E. Local 1	P	U		1	
Roger Lattin	I.A.T.S.E. Local 728	P	U	1		
Alan M. Rowe	I.A.T.S.E. Local 728	A	U			
Stephen Vanciel	IATSE Local 631	P	U			
Keith S. Woods	IATSE Local 891	P	U		1	
Ken Vannice	Ken Vannice LLC	I	G	1		
Tyrone Mellon_Jr.	Lex TM3	P	CP	1		
Bob Luther	Lex TM3	A	CP			
Nehad El-Sherif	Nehad El-Sherif	I	G	1		
Michael Lay	Philips Lighting	P	MP	1		
Jerry Gorrell	Theatre Safety Programs	P	U			
Darryl Ross	TMB	P	MP	1		
Justin Bennett	University of the Incarnate Word	P	U	1		
Mitch Hefter	USITT	P	U	1		
		Total		12	2	0
			CP	1		
			DE	0		
			DR	2		
			G	3		
			MP	2		
			U	4	2	

Votes by interest categories

Mitch Hefter asked if there were any further changes or technical issues that need to be addressed in the draft standard. Keith Woods said that he has an inherent problem with the document. The problem that needs addressing in the industry is more around training, abilities, knowledge, et cetera. Karl Ruling pointed out that the TSP doesn't do training, it only writes standards.

Matt Antonucci said that he had a list of points to discuss that he will offer in public review

Art Wanuch moved that the revised draft standard be offered for public review. Keith Woods seconded the motion. The motion was approved unanimously with a voice vote.

8.6 A proposal about Portable Power Distribution Equipment for Canada

Any word on CSA C22.2, No. 300?

Rodger Dean reported that "in theory" it is finished. It has gone to the staff editors, and then it will go to public review. The public review may come out this month.

8.7 BSR E1.53, Overhead mounting of luminaires, lighting accessories, and other portable devices: specification and practice

Karl Ruling reported that no comments were received during the last public review, so there are none to resolve. (See E1-53_3rdRevwSummary.pdf) Unless the working group would like to modify the draft, it is ready for consideration for adoption as an American National Standard.

Rodger Dean moved to accept BSR E1.53 as an American National standard. The motion was seconded by Justin Bennett. The question will be decided by letter ballot.

8.8 BSR E1.58, Electrical Safety Standard for Portable Stage and Studio Equipment Used Outdoors

Any news on this project?

Ty Mellon said that he hadn't heard anything from Steve Vanciel on this. Matt Antonucci said that he also hadn't heard anything. Mitch Hefter suggested that we would see something at the LDI meeting.

9 New business

None.

10 Other business

10.1 Above & Beyond Awards

It was noted that the nomination site is open year-round at <http://tsp.esta.org/AboveandBeyond>. Mitch Hefter suggested that people think about nominating a volunteer who has been particularly helpful, diligent, or hard-working.

10.2 Other other business

Roger Lattin asked about possible changes to UL 1640, particularly the explicit statement that plugging boxes above or next to luminaires are covered in UL 1573. Ty Mellon and Ken Vannice explained that the change was not really substantive. Plugging boxes that were only tested to UL 1640 do not have the heat rating that goes with mounting close to luminaires, and to mount them there would be a violation of their listing. The change makes it clear that devices mounted in those positions need to be tested per UL 1573.

11 Schedule for future meetings

Mitch Hefter directed people to visit <http://tsp.esta.org/tsp/meetings/index.php> for the most current schedule.

The October 2016 meeting will be at the Westgate Las Vegas Resort and Casino the week of October 17, in conjunction with the LDI Show. The exact time and date are to be determined.

12 Adjournment

Larry Schoeneman moved that the meeting adjourn. The motion was seconded. It was approved with a voice vote. Mitch Hefter declared the meeting adjourned at 14:54.

Name	Company	Representation	Voting status	Int. cat.
Matthew Antonucci	Contract Services Administration Trust Fund	Contract Services Administration Trust Fund	P	U
Robert Barbagallo	Solotech Inc.	Solotech Inc.	O	DR
Justin Bennett	University of the Incarnate Word	University of the Incarnate Word	P	U
Lee J. Bloch	Bloch Design Group, Inc.	Bloch Design Group, Inc.	O	G
Ron Bonner	PLASA Technical Resources Office	PLASA EU	O	U
Louis Bradfield	Louis Bradfield	Louis Bradfield	O	U
Richard Cadena	Academy of Production Technology	Academy of Production Technology	O	G
James Davey	AC Power Distribution Inc.	AC Power Distribution Inc.	P	CP
Jeremy Day	Lumenpulse Lighting Inc.	Lumenpulse Lighting Inc.	O	MP
Rodger Dean	R. Dean Lighting Limited	Entertainment Electrical Safety Committee of Ontario	A	G
Jim Digby	The Collaborative Endeavor Group	Linkin Park Touring/The Collective	O	U
Marsha DuBois	Pintech Stage Connectors, Inc.	Pintech Stage Connectors, Inc.	O	CP
James Eade	ABTT	ABTT	P	G
Don Earl	Earl Girls, Inc.	Earl Girls, Inc.	P	DR
Nehad El-Sherif	Nehad El-Sherif	Nehad El-Sherif	I	G
Brian Eustace	Mole-Richardson Co.	Mole-Richardson Co.	O	CP
Trevor Forrest	Helvar Lighting Control	Helvar Lighting Control	O	MP
Ian Foulds	IATSE Local 873	Entertainment Electrical Safety Committee of Ontario	A	G
Ed Garstkiewicz	Harting Inc., North America	Harting KGAA	O	G
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	U
Erin Grabe	ESTA	ESTA	exf	G
Robert P. Harris	IATSE Local 891	IATSE Local 891	O	U
Mike Harwood	William F. White International	William F. White International	O	DR
Mitch Hefter	Mitch Hefter	USITT	P	U
Jim Holladay	Luxence	Luxence	O	G
Edwin S. Kramer	I.A.T.S.E. Local 1	I.A.T.S.E. Local 1	P	U
Charles (Chuck) Kurten	Underwriters Laboratories, Inc.	Underwriters Laboratories, Inc.	O	G
Roger Lattin	I.A.T.S.E. Local 728	I.A.T.S.E. Local 728	P	U
Michael Lay	Philips Color Kinetics	Philips Lighting	P	MP
George Long	Aggreko Event Services	Aggreko	P	DR
Bob Luther	Lex Products	Lex TM3	A	CP
Tyrone Mellon_Jr.	Lex Products	Lex TM3	P	CP

Name	Company	Representation	Voting status	Int. cat.
Pat Miller	Hubbell Wiring Devices	Hubbell Inc.	O	MP
Jeff T. Miller	Worldwide Standards and Auditing	Walt Disney Company	O	U
Kevin O'Brien	Bestek Lighting & Staging	Bestek Lighting & Staging	O	U
Elizabeth E. (Lizz) Pittsley	Elizabeth Pittsley	Elizabeth Pittsley	O	U
Darryl Ross	TMB	TMB	P	MP
Alan M. Rowe	IATSE Local 728	I.A.T.S.E. Local 728	A	U
Heather Rowe	Contract Services Administration Trust Fund	Contract Services Administration Trust Fund	A	U
Karl G. Ruling	ESTA	ESTA	exf	G
Larry Schoeneman	DesignLab Chicago, Inc.	DesignLab Chicago, Inc.	P	DR
Ford Sellers	Chauvet Lighting	Chauvet Lighting	O	MP
Mike Skinner	CBS Studio Center	Alliance of Motion Picture and Television Producers	O	U
Jonny Starr	TMB	TMB	O	MP
Steve Terry	Electronic Theatre Controls	Electronic Theatre Controls, Inc.	P	MP
Robert Timmerman	Philips Color Kinetics	Philips Lighting	O	MP
James Tomlinson	Team Tomlinson	Team Tomlinson	O	G
Stephen Vanciel	IATSE Local 631	IATSE Local 631	P	U
Ken Vannice	Ken Vannice LLC	Ken Vannice LLC	I	G
Art Wanuch	Entertainment Electrical Safety Committee of Ontario	Entertainment Electrical Safety Committee of Ontario	P	G
Colin Waters	TMB	TMB	O	DR
Keith S. Woods	Lakhri Impressions Ltd.	IATSE Local 891	P	U

Voting Status Key: P = Principal voter, A = Alternate voter, I = Individual voter, O = Observer member, exf = Ex Officio member (staff)

Interest Category Key: CP = Custom-market producer, DE = Designer, DR = Dealer or rental company, G = General interest, MP = Mass-market producer, U = User