



ESTA Standards Watch

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ESTA launches revamped NATEAC website

ESTA has launched the new NATEAC website at NATEAC.org. There, you'll find the latest conference information, including an explanation of this year's theme, Access, and schedule of events. You can book your room at the Marriott at the Brooklyn Bridge, as well as book your flight using ESTA's discount code with United. NATEAC.org is also where you'll see a list of the conference's current sponsors, including ETC and Texas Scenic Company who both recently joined the Silver Sponsor level. If you or your company are interested in sponsoring NATEAC, opportunities are available. The sponsorship form is on the NATEAC website, too!

FCC seeks further comment on proposal to prevent digital discrimination

On February 1, 2024, a summary of the Preventing Digital Discrimination Further Notice of Proposed Rule Making (FNPRM) was published in the *Federal Register*. The rules were created to prevent digital discrimination of access to broadband services based on income level, race, ethnicity, color, religion, or national origin. Under the

Bipartisan Infrastructure Law, the FCC is required to adopt rules to ensure that all Americans have equal access to reliable, high-speed broadband services without discrimination based on the characteristics listed in the statute.

Comments are due on or before 4 March 2024, and reply comments are due on or before 1 April 2024. More information is available at <https://docs.fcc.gov/public/attachments/DA-24-99A1.pdf>.

WTO Technical Barriers to Trade notifications

The World Trade Organization has announced Technical Barrier to Trade filings that may be of interest to *Standards Watch* readers. If you have a problem with a TBT, you can protest through your representative to the World Trade Organization.

United States of America Notification USA/2097

Notification date: 5 February 2024

Agency responsible: Federal Trade Commission

USA WTO TBT enquiry point: usatbtep@nist.gov

Products covered: Air cleaners, clothes dryers, miscellaneous refrigeration products, and portable electric spas; modifications to existing labels for clothes washers, televisions, and several heating products; Energy efficiency. Energy conservation in general; Television receivers; Domestic refrigerating appliances; Laundry appliances; Domestic, commercial and industrial heating appliances; Commercial refrigerating appliances; Miscellaneous domestic and commercial equipment

Title: Energy Labeling Rule (32 pages in English)

Description of content: Notice of proposed rulemaking - The Federal Trade Commission ("FTC" or "Commission") proposes amendments to improve the Energy Labeling Rule ("Rule"), including energy labels for several new consumer product categories and changes to label display requirements. Specifically, the Notice seeks comment on labels for air cleaners, clothes dryers, miscellaneous refrigeration products, and portable electric spas; modifications to existing labels for clothes washers, televisions, and several heating products; revisions to the current requirements for affixing labels on showroom models; and several minor amendments to improve the Rule.

Objective and rationale: Consumer information, labelling; Prevention of deceptive practices and consumer protection; Protection of the environment

Relevant documents: 89 Federal Register (FR) 59481, Title 16 Code of Federal Regulations (CFR) Part 305: <https://www.govinfo.gov/content/pkg/FR-2024-02-02/pdf/2024-01601.pdf>

This notice of proposed rulemaking is identified by Docket Number FTC-2024-0008. The Docket Folder is available on Regulations.gov at <https://www.regulations.gov/docket/FTC-2024-0008/document> and provides access to primary documents as well as comments received. Documents are also accessible from Regulations.gov by searching the Docket Number. WTO Members and their stakeholders are asked to submit comments to the USA TBT Enquiry Point by or before 4pm Eastern Time on 2 April 2024. Comments received by the USA TBT Enquiry Point from WTO Members and their stakeholders will be shared with FTC and will also be submitted to the Docket on Regulations.gov if received within the comment period.

G/TBT/N/USA/1935 and G/TBT/N/USA/1935/Add.1 - Energy Labeling Rule identified by Docket Number FTC-2022-0061

Proposed date of adoption: To be determined

Proposed date of entry into force: To be determined

Final date for comments: 2 April 2024

Texts available from: https://members.wto.org/crnattachments/2024/TBT/USA/24_01028_00_e.pdf

United States of America Notification USA/2098

Notification date: 6 February 2024

Agency responsible: Occupational Safety and Health Administration (OSHA), Department of Labor

USA WTO TBT enquiry point: usatbtep@nist.gov

Products covered: Emergency response; Occupational safety. Industrial hygiene; Accident and disaster control; Protection against fire; Protective clothing; Protection against falling and slipping

Title: Emergency Response Standard (250 pages in English)

Description of content: Proposed rule; request for comments by 6 May 2024 - OSHA is proposing through this notice of proposed rulemaking (NPRM) to issue a new safety and health standard, titled Emergency Response, to replace the existing Fire Brigades Standard. The new standard would address a broader scope

of emergency responders and would include programmatic elements to protect emergency responders from a variety of occupational hazards. The agency requests comments on all aspects of the proposed rule.

Objective and rationale: Protection of human health or safety

Relevant documents: 89 Federal Register (FR) 7774, 5 February 2024; Title 29 Code of Federal Regulations (CFR) Part 1910: <https://www.govinfo.gov/content/pkg/FR-2024-02-05/pdf/2023-28203.pdf>

This proposed rule; request for comments is identified by Docket Number OSHA-2007-0073. The Docket Folder is available on Regulations.gov at <https://www.regulations.gov/docket/OSHA-2007-0073/document> and provides access to primary and supporting documents as well as comments received. Documents are also accessible from Regulations.gov by searching the Docket Number. WTO Members and their stakeholders are asked to submit comments to the USA TBT Enquiry Point. Comments received by the USA TBT Enquiry Point from WTO Members and their stakeholders by 4pm Eastern Time on 6 May 2024 will be shared with OSHA and will also be submitted to the Docket on Regulations.gov if received within the comment period.

Proposed date of adoption: To be determined

Proposed date of entry into force: To be determined

Final date for comments: 6 May 2024

Texts available from: https://members.wto.org/crnattachments/2024/TBT/USA/24_01147_00_e.pdf

ANSI public review announcements

The following documents have been announced for public review by ANSI and may be of material interest to *Standards Watch* readers. If you have comments on them, please send your comments before the deadline to the person indicated and to ANSI's Board of Standards Review at psa@ansi.org.

Due 4 March 2024

BSR/ASHRAE Addendum cs to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020)

With the addition of the BACnet/SC data link, an interoperable, out-of-band method to exchange Certificate Signing Request (CSR) files and the resulting Operational and Issuer certificate files between a device, or its proxy, and a Certificate Authority are required. This addendum provides a simple structured file format to exchange these files using the ZIP file format to compress the folders and files into a request and response file. Single copy price: \$35.00

Obtain an electronic copy from: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

Send comments to: <http://www.ashrae.org/standards-research--technology/public-reviewdrafts>

Due 19 March 2024

INCITS/ISO/IEC 1539-1:2023 [202x], Programming Languages - Fortran - Part 1: Base Language (identical national adoption of ISO/IEC 1539-1:2023 and revision of INCITS/ISO/IEC 1539-1:2018 [2019])

Specifies the form and establishes the interpretation of programs expressed in the base Fortran language. The purpose of this document is to promote portability, reliability, maintainability, and efficient execution of Fortran programs for use on a variety of computing systems. This document specifies the forms that a program written in the Fortran language can take, the rules for interpreting the meaning of a program and its data, the form of the input data to be processed by such a program, and the form of the output data resulting.

Single copy price: \$263.00

Obtain an electronic copy from: <http://webstore.ansi.org>

Send comments to: Barbara Bennett <comments@standards.incits.org>

INCITS/ISO/IEC 24392:2023 [202x], Cybersecurity - Security reference model for industrial internet platform (SRM- IIP) (identical national adoption of ISO/IEC 24392:2023)

Presents specific characteristics of industrial internet platforms (IIPs), including related security threats, context-specific security control objectives and security controls. This document covers specific security concerns in the industrial context and thus complements generic security standards and reference models. In particular, this document includes secure data collection and transmission among industrial devices, data security of industrial cloud platforms, and secure collaborations with various industry stakeholders.

Single copy price: \$183.00

Obtain an electronic copy from: <http://webstore.ansi.org>

Send comments to: Barbara Bennett <comments@standards.incits.org>

INCITS/ISO/IEC 27071:2023 [202x], Cybersecurity - Security recommendations for establishing trusted connections between devices and services (identical national adoption of ISO/IEC 27071:2023)

Provides a framework and recommendations for establishing trusted connections between devices and services based on hardware security modules. It includes recommendations for components such as: hardware security module, roots of trust, identity, authentication and key establishment, remote attestation, data integrity and authenticity. This document is applicable to scenarios that establish trusted connections between devices and services based on hardware security modules.

Single copy price: \$157.00

Obtain an electronic copy from: <http://webstore.ansi.org>

Send comments to: Barbara Bennett <comments@standards.incits.org>

Due 26 March 2024

BSR/ASME Y14.3-2012 (R202x), Orthographic and Pictorial Views (reaffirmation of ANSI/ASME Y14.3-2012 (R2018))

This standard establishes the requirements for creating orthographic, and pictorial views for product definition. Topics include the multiview system of drawing, selection, and arrangement of orthographic views, auxiliary views, section views, details, pictorial views, and conventional representation of features for constructed views, and saved views. Space geometry and space analysis and applications are included in the appendices. Methods for constructing orthographic and pictorial views are out of scope.

Single copy price: \$72.00

Order from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments to: Fredric Constantino <constantinof@asme.org>

BSI public review announcements

The following draft British Standards document has been announced for public review by BSI and may be of material interest to Standards Watch readers. The list includes National British Standards in development and National Adoptions of existing standards. Submit comments online, before the comment deadline, using BSI's Standards Development Portal. Registration is free of charge at <https://standardsdevelopment.bsigroup.com/>.

Due 14 February 2024

BS EN IEC 60335-2-123 Ed.1.0, Household and similar electrical appliances - Safety. Part 2-123: Particular requirements for robots

This part of IEC 60335 deals with the reasonably foreseeable hazards and safety presented by the application of robotic technology to appliances for household and similar purposes under IEC TC 61 that are encountered by all persons. These resulting robots and mobile robots intended for household and similar purposes, have a rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances, including direct current (DC) supplied appliances and battery-operated appliances. This standard covers appliances for indoor use.

CSA public review announcements

The CSA Group has announced proposals that might be of interest to Standards Watch readers. To participate in CSA public reviews, please visit <http://publicreview.csa.ca/>.

Due 18 February 2024

CSA B355, Platform lifts and stair lifts for barrier-free access (new edition)

This Standard specifies minimum requirements for the design, construction, installation, and operation of platform lifts and stair lifts that provide barrier-free access for persons with limited mobility, travelling between fixed points of a building or structure, including a private residence, with a view to safeguarding against risk of accidents associated with the operation of such equipment. Contact: grace.lee@csagroup.org

Due 10 March 2024

C22.2 No. 61347-2-9 Lamp controlgear - Part 2-9: Particular requirements for electromagnetic controlgear for discharge lamps (excluding fluorescent lamps) (new edition)

This part of CSA C22.2 No. 61347-2-9 specifies particular safety requirements for electromagnetic controlgear for discharge lamps such as high-pressure mercury vapour, low-pressure sodium vapour, high-pressure sodium vapour and metal halide lamps. The standard covers inductive-type electromagnetic controlgear designed to be installed on branch circuits not exceeding 600V nominal between conductors, in accordance with the rules of the Canadian Electrical Code, Part I. These electromagnetic controlgear are associated with discharge lamps having rated wattage, dimensions and characteristics as specified in IEC 60188 and ANSI C78.40, IEC 60192 and ANSI C78.41, and IEC 60662 and ANSI C78.42. Contact claudia.hamza@csagroup.org

Due 11 March 2024

C22.2 No. 61010-031 Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 031: Safety requirements for hand-held and hand-manipulated probe assemblies for electrical test and measurement (new edition)

This part of IEC 61010 specifies safety requirements for hand-held and hand-manipulated probe assemblies for electrical test and measurement, and their related accessories. These probe assemblies are for non-contact or direct electrical connection between a part and electrical test and measurement equipment. They can be fixed to the equipment or be detachable accessories for the equipment. Contact yi.wang@csagroup.org

Due 18 March 2024

Z94.4 Selection, use and care of respirators (new edition)

This Standard sets out requirements for the selection, use, and care of respirators and for the administration of an effective respiratory protection program in the workplace. Contact ron.meyers@csagroup.org.

Due 31 March 2024

CSA C22.2 NO. 355 Sealed twist-on connecting devices (new edition)

The wire connectors covered by these requirements are intended for use with copper conductor in accordance with installations covered by the National Electrical Code, NFPA 70; the Canadian Electrical Code, Part I, C22.1; and NOM 001 SEDE, Standard for Electrical Installations. The requirements in this standard cover twist-on style splicing sealed wire connectors intended for installations for applications noted [in the draft]. Contact kevin.george@csagroup.org

New ANS projects

ANSI has announced the following new projects that might materially affect *Standards Watch* readers—or at least be interesting. Contact the developer if you (a) want to be involved in a project, (b) object to a project and wish it to be abandoned, or (c) if you would like to point out that a scope is covered by an existing standard, thereby possibly making a project redundant or conflicting.

BSR/ASB BPR 209-202x, Best Practice Recommendations for Communicating with Next of Kin during Medicolegal Death Investigations (new standard)

This document provides best practices for medicolegal death investigators to communicate with next of kin, providing a foundation for medicolegal death investigators and administrators to build policies and procedures. Examples of resources for kin and public facing pamphlets are included to assist agencies with updating or creating their documents to further assist kin. This document provides recommendations for medicolegal death investigation authorities communicating with next of kin during an investigation including delivery of information, associated training, dissemination of information, recognizing and accommodating cultural and religious beliefs, and timely response to inquiries. This document does not address specific investigative practices. Contact Teresa Ambrosius <tambrosius@aafs.org>

BSR/AWS F1.2-202x, Laboratory Method for Measuring Fume Generation Rates and Total Fume Emission of Welding and Allied Processes (revision of ANSI/AWS F1.2-2013 (R2023))

This document outlines a laboratory method for the determination of fume generation rates and total fume emission. A test chamber is used to collect representative fume samples under carefully controlled conditions. Contact Stephen Hedrick <steveh@aws.org>

INCITS 585-202x, Information technology - Secure Software Development Framework (new standard)

This document provides a framework for secure software development practices. Contact Kim Quigley <kquigley@itic.org>

INCITS/ISO/IEC 42001:2023 [202x], Information Technology - Artificial Intelligence - Management System (identical national adoption of ISO/IEC 42001:2023)

Specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an AI (artificial intelligence) management system within the context of an organization. This document is intended for use by an organization providing or using products or services that utilize AI systems. This document is intended to help the organization develop, provide or use AI systems responsibly in pursuing its objectives and meet applicable requirements, obligations related to interested parties and expectations from them. This document is applicable to any organization, regardless of size, type and nature, that provides or uses products or services that utilize AI systems. Contact Lynn Barra <comments@standards.incits.org>

BSR/TIA 568.1-F-202x, Commercial Buildings (revision, redesignation and consolidation of ANSI/TIA 568.0-E-2020, ANSI/TIA 568.0-E-1-2022, ANSI/TIA 568.1-E-2020, ANSI/TIA 568.1-E-1-2023 and ANSI/TIA 862-C-2022)

This Standard specifies requirements for cabling infrastructure including cabling topology, architecture, design and installation practices, test procedures, and components. The cabling infrastructure specified by this Standard is intended to support a wide range of commercial building sites, applications (e.g., voice, data, text, video, and image), and systems particularly those that utilize or can utilize IP-based infrastructure. Contact Teesha Jenkins <standards-process@tiaonline.org>

ANS process: how to get involved

Please visit ANSI's website (www.ansi.org) for resources that will help you to understand, administer and participate in the American National Standards (ANS) process. Documents posted at these links are updated periodically as new documents and guidance are developed, whenever ANS-related procedures are revised, and routinely with respect to lists of proposed and approved ANS. The main ANS-related link is www.ansi.org/asd and here are some direct links as well as highlights of information that is available:

- ANSI Essential Requirements: Due process requirements for American National Standards (always current edition): www.ansi.org/essentialrequirements
- ANSI Standards Action (weekly public review announcements of proposed ANS and standards developer accreditation applications, listing of recently approved ANS, and proposed revisions to ANS-related procedures): www.ansi.org/standardsaction
- Accreditation information – for potential developers of American National Standards (ANS): www.ansi.org/sdoaccreditation
- ANS Procedures, ExSC Interpretations and Guidance (including a slide deck on how to participate in the ANS process and the BSR-9 form): www.ansi.org/asd
- Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS: www.ansi.org/asd
- American National Standards Key Steps: www.ansi.org/anskeysteps
- American National Standards Value: www.ansi.org/ansvalue
- ANS Web Forms for ANSI-Accredited Standards Developers: <https://www.ansi.org/portal/psawebforms/>
- Information about standards Incorporated by Reference (IBR): <https://ibr.ansi.org/>
- ANSI - Education and Training: www.standardslearn.org

IEC USNC TAG Administrator - Organization Needed

CSA Group is relinquishing its role as the USNC TAG Administrator for the USNC TAG to IEC/TC 57 Power systems management and associated information exchange. The USNC is looking for a new organization to take on this USNC TAG Administratorship. Please note that according to the rules and procedures of the USNC, a USNC TAG cannot exist without a USNC TAG Administrator. If we cannot find a new USNC TAG Administrator, the USNC will have to withdraw from international participation and register with the IEC as a Non-Member of this Committee. If any organizations are interested in the position of USNC TAG Administrator for the USNC TAG to IEC/57, they are invited to contact Ade Gladstein at agladstein@ansi.org by 1 March 2024.

Scope for TC 57 Power systems management and associated information exchange:

To prepare international standards for power systems control equipment and systems including EMS (Energy Management Systems), SCADA (Supervisory Control And Data Acquisition), distribution automation, teleprotection, and associated information exchange for real-time and non-real-time information, used in the planning, operation and maintenance of power systems. Power systems management comprises control within control centres, substations and individual pieces of primary equipment including telecontrol and interfaces to equipment, systems and databases, which may be outside the scope of TC 57. The special conditions in a high voltage environment have to be taken into consideration.

Draft IEC & ISO documents

This section lists documents reported in ANSI's *Standards Action* that the IEC or the ISO or both are considering for approval and that may be of interest to *Standards Watch* readers. Anyone interested in reviewing and commenting should order a copy from their national representative and submit their comments through them. Comments from US citizens on ISO documents must be sent to ANSI's ISO Team (isot@ansi.org), and must be submitted electronically in the approved ISO template as a Word document. US comments on IEC documents should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). ISO and IEC Drafts can be made available by contacting ANSI's Customer Service department, sales@ansi.org.

46F/663/CD, IEC 63138-4 ED1: Multi-channel radio frequency connectors - Part 4: Sectional specification for type L32-4 and L32-5 circular connectors, 19 April 2024

46A/1668/NP, PNW 46A-1668 ED1: Electrical test methods - Polarization directivity of radiating cable, 19 April 2024

46A/1669/NP, PNW 46A-1669 ED1: Electrical test methods - Link-loss balance of radiating cables, 19 April 2024

78/1455/DTR, IEC TR 61328 ED4: Live working - Guidelines for the installation of transmission and distribution line conductors and earth wires - Stringing equipment and accessory items, 22 March 2024

Recently published ISO & IEC documents

Listed here are documents recently approved by the ISO or IEC and listed in ANSI's *Standards Action* that may be of use or interest to *Standards Watch* readers. Prices shown are for purchases from the [ANSI Webstore](#).

IEC 60335-2-124 Ed. 1.0 b:2024, Household and similar electrical appliances - Safety - Part 2-124: Particular requirements for commercial dry ice blasting machines, \$278.00

IEC 60335-2-124 Ed. 1.0 en:2024 EXV, Household and similar electrical appliances - Safety - Part 2-124: Particular requirements for commercial dry ice blasting machines, \$506.00

ESTA Standards Watch

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If you would like to receive an email notice each time a new edition of *Standards Watch* is published, send a request to standards@esta.org. Find back issues at <http://estalink.us/nn7a1>.

TSP meetings

The next set of TSP working group meetings are scheduled to coincide with The USITT Conference and Stage Expo in Seattle, Washington. Visit <https://esta.org/ESTA/meetings.php> for links to hotel booking, discounted flights through United Airlines, and the latest meeting schedule. The meetings will be at the Sheraton Grand Seattle.

Wednesday, March 20

9am - 1pm	TSP Control Protocols Working Group, Room - Metro B
2pm - 5pm	TSP Fog & Smoke Working Group, Room - Metro B
2pm - 5pm	TSP E1.31 Security Task Group, Room - Ballard
6pm - 10pm	TSP Electrical Power Working Group, Room - Metro B
7pm - 11pm	ESTA Board Meeting, Room - Ballard

Thursday, March 21

8am - 10:30am:	TSP E1.6-1 Powered Hoist Task Group, Room - Ballard
10:30am - 2:30pm	TSP NextGen Overall Task Group, Room - Ballard
11am - 2pm	TSP Rigging Working Group, Room - Metro B
4pm - 8pm	ETCP Council, Room - Ballard
6pm - 10pm	TSP Event Safety Working Group, Room - Metro B

Friday, March 22

8:30am - 10:30am	Members Advisory Committee, Room - Ballard
10am - noon	TSP Floors Working Group, Room - Metro B
10:30am - 1pm	TSP NextGen Task Group, Room - Ballard
2pm - 4pm	TSP Stage Machinery Working Group, Room - Metro B
2pm - 6pm	TSP E1.37-8 RDM IPv4/v6PIDS Task Group, Room - Ballard

6pm - 10pm TSP Weapons Safety Working Group, Room - Metro B

Saturday, March 23

9am - 1pm TSP Technical Standards Council, Room - Metro B

Investors in Innovation, supporters of ESTA's Technical Standards Program

This lists the donors who have made contributions in the last 12 months.

VISIONARY LEADERS (\$50,000 & up)

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Stage Rigging

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Theatre Safety Programs
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About the Stage
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Boston Illumination Group
Candela Controls, Inc.
Clark Reder Engineering
Tracey Cosgrove & Mark McKinney
Doug Fleenor Design
Down Stage Right Industries Ltd.
EGI Event Production Services
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Neil Huff
Interactive Technologies
iStudio Projects
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Alan Rowe
Sapsis Rigging Inc.
SBS Lighting
Steve A. Walker Associates
Dana Taylor
Steve Terry
Vertigo
WNP Services

INVESTOR (\$3,000–\$9,999; >100 employees/members)

Actors' Equity Association
Golden Sea Professional Lighting Provider
IATSE Local 728
IATSE Local 891

Lex
NAMM
Texas Scenic Company

INVESTOR (\$1,500–\$4,999; 20–100 employees/members)

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City Theatrical Inc.
H&H Specialties, Inc.

InterAmerica Stage, Inc.
Lycian Stage Lighting
Niscon Inc.
Tomcat Staging, Lighting and Support Systems

INVESTOR (\$200–\$499; <20 employees/members)

Baxter Controls, Inc.
ChamSix
Concept Smoke Systems Ltd.
Bruce William Darden
Ian Foulds
Paat Grenfell
Liberal Logic, Inc.
Live Production Indonesia
Luminator Technology Group

Reid Neslage
Ondelight
Jessica Sanders
Shenzhen Pony Systems Tech Co., Ltd.
Sehr Gute GmbH
David Thomas
Techni-Lux
Tracy Underhill
Ralph Weber

SUPPORTER (\$50 - \$2,999; >100 employees/members)

Harlequin Floors

SUPPORTER (\$50 - \$1,499; 20–100 employees/members)

High Output
InCord
iWeiss
Oasis Stage Werks
Stagemaker

Syracuse Scenery and Stage Lighting Co., Inc.
Vincent Lighting Systems
Wuhan Zhongtian Jiaye Mechanical & Electrical Eng.
Co.
Zeraus

SUPPORTER (\$50 - \$199; <20 employees/members)

Chip Scott Lighting Design
DMX Pro Sales
Matthew Douglas III
Beverly and Tom Inglesby
Inventions Guité
KASUGA
Laser AV
Lighting Elements Inc.
Bill McCord
Motion FX

Northern Lights Electronic Design
PragmaLab
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