



ANSI E1.39 – 2015
**Entertainment Technology—Selection and Use of Personal
Fall Arrest Systems on Portable Structures Used in the
Entertainment Industry**

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Published by:

Entertainment Services and Technology Association
630 Ninth Avenue, Suite 609
New York, NY 10036
USA
Phone: 1-212-244-1505
Fax: 1-212-244-1502
standards@esta.org

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Tony Giovannetti

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Contact Information

Technical Standards Manager

Karl G. Ruling
Entertainment Services and Technology Association
630 Ninth Avenue, Suite 609
New York, NY 10036
USA
1-212-244-1505
karl.ruling@esta.org

Assistant Technical Standards Manager

Erin Grabe
Entertainment Services and Technology Association
630 Ninth Avenue, Suite 609
New York, NY 10036
USA
1-212-244-1505
erin.grabe@esta.org

Technical Standards Council Chairpersons

Mike Garl
Mike Garl Consulting LLC
1-865-389-4371
mike@mikegarlconsulting.com

Mike Wood
Mike Wood Consulting LLC
1-512-288-4916
mike@mikewoodconsulting.com

Rigging Working Group Chairpersons

Bill Sapsis
Sapsis Rigging, Inc.
1-215-228-0888 x206
bill@sapsis-rigging.com

Christine Kaiser
Syracuse Scenery & Stage Lighting Co., Inc.
1-315-453-8096
ckaiser@syracusescenery.com

Acknowledgments

The Rigging Working Group members when this document was approved by the working group on 19 November 2014 were as follows:

Voting members:

Mike Adamovich; M.G. McLaren, P.C.; G
Jesse Adams; Rose Brand; DR
Mark Ager; Tait Towers Manufacturing LLC; CP
Matthew Antonucci; Contract Services Administration Trust Fund; U
Dana Bartholomew; Tait Towers Manufacturing LLC; CP
William Beautyman; Limelight Productions, Inc.; DR
Nils Becker; Electronic Theatre Controls, Inc.; MP
Patrick Leigh Bettington; Tait Towers Manufacturing LLC; CP
Ian Bevan; Walt Disney Company; U
Scott M. Blair; Full Throttle Films/ VER; DR
Steve (BOZ) Bodzioch; LMG Inc.; DR
Keith Bohn; G
Vincent J. Cannavale; Motion Laboratories; CP
David Carmack; Columbus McKinnon Corp.; MP
Joseph Champelli; Entertainment Project Services, LLC; DE
Stu Cox; ZFX Flying Inc.; CP
Dan Culhane; SECOA; CP
Bruce Darden; Rigging Innovators, Inc.; CP
Robert Dean; ZFX Flying Inc.; CP
Jonathan Deull; JSD Projects LLC; U
Brad Dittmer; Stage Labor of the Ozarks; U
Russ Dusek; I Weiss; MP
Douglas M. Eldredge; LMG Inc.; DR
Patrick Finn; Wenger Corp.; CP
Nick Fleming; Walt Disney Company; U
Adrian Forbes-Black; Total Structures Inc.; MP
Howard Forryan; Harting KGAA; G
Mike Garl; Mike Garl Consulting LLC; DE
Ed Garstkiewicz; Harting KGAA; G
Ethan William Gilson; Advanced Lighting and Production Services; U
William B. Gorlin; M.G. McLaren, P.C.; G
Jerry Gorrell; Theatre Safety Programs; G
Earle T. Greene; Walt Disney Company; U
Pat Grenfell; Hoist Sales & Service; DR
Joshua Grossman; Schuler Shook; DE
Joel A Guerra; Texas Scenic Company; DR
Don Halchak; Total Structures Inc.; MP
Rod Haney; I.A.T.S.E. Local 891; U
Tim Hansen; Oasis Stage Werks; DR
Pete Happe; Walt Disney Company; U
Sandy Harned; ZFX Flying Inc.; CP
Herb Hart; Columbus McKinnon Corp.; MP

David Herrmann; Motion Laboratories; CP
Peter Herrmann; Motion Laboratories; CP
Jeremy Hochman; Full Throttle Films/ VER; DR
Donald A. Hoffend_Jr.; Avista Designs, LLC; G
Donald Hoffend_III; Avista Designs, LLC; G
Christopher Jacobs; Virginia Beach City Public Schools; U
Joseph Jeremy; Show Distribution Group; MP
Scott Johnson; Milos Group; MP
Ted Jones; Chicago Spotlight, Inc.; U
Christine L. Kaiser; Syracuse Scenery & Stage Lighting Co., Inc.; DR
Theresa Kelley; Total Structures Inc.; MP
Jerald Kraft; JTH Lighting Alliance; CP
Edwin S. Kramer; I.A.T.S.E. Local 1; U
Kyle Kusmer; Steven Schaefer Associates; G
Roger Lattin; I.A.T.S.E. Local 728; U
Jon Lenard; Applied Electronics; MP
Michael Lichter; Electronic Theatre Controls, Inc.; MP
Dan Lisowski; University of Wisconsin - Madison; U
Marcus Lopez Jr.; LMG Inc.; DR
Joseph McGeough; Foy Invention Enterprises, Inc.; CP
Bob McVay; Schuler Shook; DE
Sam Michael; Thern, Inc.; MP
Steven Michelman; Entertainment Project Services, LLC; DE
Orestes Mihaly; Production Resource Group; DR
Jeff T. Miller; Walt Disney Company; U
Rick Montgomery; R&M Materials Handling; MP
John P. Moore; Hall Associates Flying Effects; CP
Reid Neslage; H & H Specialties Inc.; MP
Mark Newlin; Xtreme Structures and Fabrication; MP
Richard J. Nix; Steven Schaefer Associates; G
Jyle Noguee; Texas Scenic Company; DR
Shawn Nolan; Production Resource Group; DR
Tracy Nunnally; Hall Associates Flying Effects; CP
Kimberly Corbett Oates; Schuler Shook; DE
Jennifer O'Leary; Columbus McKinnon Corp.; MP
Carlos Ortega; PSAV Presentation Services; U
Gregory Orth; WNP Services, Inc.; DR
Edward A. (Ted) Paget; Electronic Theatre Controls, Inc.; MP
Michael Parrella; Arup; DE
Miriam Paschetto; Geiger Engineers; G
Rocky Paulson; Freeman Companies; DR
Galen Price; Blue Man Group; U
Woody Pyeatt; A V Pro, Inc.; DR
Gregory Quinkert; Motion Laboratories; CP
Robert Ramsey; WNP Services, Inc.; DR
Steven Ricks; Electronic Theatre Controls, Inc.; MP
John Ringelman; Freeman Companies; DR

Jean-Philippe Robitaille; Show Distribution Group, Inc.; MP
Rick Rosas; Texas Scenic Company; DR
Shawn Sack; A.C.T. Lighting; DR
Bill Sapsis; Sapsis Rigging, Inc.; U
Peter A. Scheu; Scheu Consulting Services, Inc.; DE
Chris Schmidt; Freeman Companies; DR
Joseph S. Schuster; Simpson Gumpertz & Heger; DE
Steven C. Shaw; Levitating Productions, Inc.; MP
John C. Snook; Thermotex Industries Inc.; CP
Todd Spencer; PSAV Presentation Services; U
Stephen G. Surratt; Texas Scenic Company; DR
Peter V. Svitavsky; Wenger Corp.; CP
Ken Tilson; Columbus McKinnon Corp.; MP
Will Todd; Milos Group; MP
Elmer Veith; Total Structures, Inc.; MP
Steve Walker; Steve A. Walker & Associates; G
Charlie Weiner; Milos Group; MP
Michael Wells; Xtreme Structures and Fabrication; MP
Marty Wesstrom; Mountain Productions Inc.; DR
Jeff Wilkowski; Thern, Inc.; MP
Max A. Wilson; Applied Electronics; MP
R. Duane Wilson; Amer. Society of Theatre Consultants; DE
Robert Young; Arup; DE

Observer (non-voting) members:

Frank Allison; Frank Allison; G
Brent Armstrong; Alpine Rigging & Structural Design; U
John Van Arsdale; University of Wisconsin - Madison; U
William Ian Auld; Auld Entertainment; U
Warren A. Bacon; Warren A. Bacon; U
Rinus Bakker; Rhino Rigs B.V.; G
Robert Barbagallo; Solotech Inc.; DR
Roger Barrett; Star Events Group Ltd.; DR
F. Robert Bauer; F.R. Bauer & Associates, LLC; G
Maria Bement; MGM Grand; U
Roy Bickel; Roy Bickel; G
Lee J. Bloch; Bloch Design Group, Inc.; G
Ron Bonner; PLASA EU; G
William Bradburn; Aerial Arts, Inc.; U
Louis Bradfield; Louis Bradfield; U
Buddy Braile; Bestek Lighting & Staging; U
Barry Brazell; Barry Brazell; U
André Broucke; André Broucke; G
David M. Campbell; Geiger Engineers; G
Timothy Carlson; Circus Juventas; G
Michael J. Carnaby; Mikan Theatricals; DR
Daniel J. Clark; Clark-Reder Engineering, Inc.; G

Benjamin Cohen; Reed Rigging, Inc.; DR
Ian Coles; Total Structures, Inc.; MP
Gregory C. Collis; I.A.T.S.E. Local 16; G
Randall W. A. Davidson; Risk International & Associates, Inc.; U
François Deffarges; Nexo; MP
Jim Digby; Linkin Park Touring/The Collective; U
Noga Eilon-Bahar; Eilon Engineering Industrial Weighing Systems; MP
James B. Evans; Mountain Productions Inc.; DR
Tim Franklin; Theta-Consulting; G
Luca Galante; Alfa System Sas; CP
Tony J. Galuppi; Tony J. Galuppi; U
Chris Geisler; Fluid Design Inc.; DE
Sanford P. Gilzow; Shur-Rig LLC; G
Rand Goddard; W.E. Palmer Co.; CP
Reuben Goldberg; Technic Services; U
Michael P. Gosenski; Rigging Systems LLC; U
Thomas M. Granucci; San Diego State University; U
Sean Harding; High Output, Inc.; G
Greg Hareld; Kleege Industries; U
Dean Hart; Freeman Companies; U
Philip Heron; San Francisco Opera Assn.; U
Ted Hickey; OAP Audio Products; MP
Chris Higgs; Total Solutions Group; G
Daniel Lynn Houser; Real Rigging Solutions, LLC; U
Donald Hoffend_III; Avista Designs, LLC; G
Karl V. Sutter_III; Kimley-Horn and Associates, Inc.; DE
Wes Jenkins; Down Stage Right Industries; CP
Peter Johns; Total Structures, Inc.; MP
Kent H. Jorgensen; IATSE Local 80; G
Gary Justesen; Oasis Stage Werks; DR
John Kaes; John Kaes; U
JoAnna Kamorin-Lloyd; Vincent Lighting Systems; U
Nevin Kleege; Kleege Industries; U
Ken P. Lager; LaFace & McGovern Associates; DR
Jon Lagerquist; South Coast Repertory; U
John Van Lennep; Theatrix Inc.; DR
Mylan Lester; Creation Logics Ltd.; U
Baer Long; Act 1 Rigging Inc.; G
Dennis J. Lopez; Automatic Devices Co.; MP
Jeff Lucas; Cirque Du Soleil, Inc.; G
Darren Lucier; North Guard Fall protection Inc.; U
Sam Lunetta; Michael Andrews; DR
Wendy Manson; Cirque Du Soleil, Inc.; U
Magali Marcheschi; Polytechnic Montreal; G
Gary Mardling; Kish Rigging; DR
Chuck McClelland; Jeamar Winches Inc.; MP
Richard C. Mecke; Texas Scenic Company; DR

Hank Miller; W.E. Palmer Co.; CP
John Miller; University of North Carolina School of the Arts; U
Shaun Millington; SEW-Eurodrive, Inc.; MP
Timothy Mills; Geiger Engineers; G
Scott Mohr; R&R Cases and Cabinets; G
Bartholomew J. Mueller; Recreation Engineering Inc.; DE
John "Andrew" Munro; animaenagerie; U
Bob Murphy; Occams Razor Technical Services; G
Rikki Newman; Rikki Newman; U
James Niesel; Arup; DE
Michael Patterson; Pook Diemont & Ohl, Inc.; CP
Ben Peoples; Pittsburgh Hoist & Sandbag Company; CP
G. Anthony Phillips; I.A.T.S.E. Local 16; U
Philip J. Piszczak; The National Telephone Supply Company; G
Kurt Pragman; Pragman Associates, LLC; G
Michael Reed; Reed Rigging, Inc.; DR
Mark Riddlesperger; LA ProPoint, Inc.; CP
Timo Risku; Akumek; DE
Peter "Punch" Christian Schmidtke ; Hollywood Lighting, Inc.; DR
Ford Sellers; Chauvet Lighting; MP
Steven Serafin; Chubb Group of Insurance Companies; G
Q. Brian Sickels; Q. Brian Sickels; G
Monica Skjonberg; Skjonberg Controls, Inc.; CP
Knut Skjonberg; Skjonberg Controls, Inc.; CP
William Scott Sloan; William Scott Sloan; U
Michael L. Savage, Sr.; Middle Dept. Inspection Agency, Inc.; G
Rob Stevenson; SEW-Eurodrive, Inc.; MP
Joachim Stoecker; CAMCO GmbH; MP
Andy Sutton; AFX UK Ltd.; U
Ross Taylor; Taylor & Taylor Associates; G
Stephen Vanciel; Stephen Vanciel; U
Michael Viehmeyer; Michael Viehmeyer; U
Jiantong Wu; Beijing Special Engineering Design & Research Institute; G

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DE = Designer
DR = Dealer or Rental company
G = General interest
MP = Mass-market Producer
U = User

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STANDARD REQUIREMENTS

EXPLANATORY INFORMATION (Not requirements of E1.39)

1. GENERAL

1.1 Scope.

This standard establishes minimum requirements for the selection and use of personal fall arrest systems (PFAS) on portable structures in the entertainment industry. In addition, the standard establishes minimum requirements for products and portable structures used in the service of PFAS. The requirements for other methods used to protect workers from fall hazards such as safety nets, guard rails, and rope access techniques are not included in this standard. This standard does not preclude the use of other appropriate standards to promote fall protection safety.

***E1.1** Portable structures include some scaffolding, tensile structures, tents, and suspended and supported modular truss structures*

1.2 Purpose.

The purpose of this document is to provide employers and workers methods for protecting workers that meet or exceed current standards for PFAS.

***E1.2** It is the intent of this document to clarify existing standards as an aid to manufacturers, employers and workers in creating a safe work environment in the entertainment industry.*

1.3 Application.

This standard applies to the entertainment industry. It provides PFAS requirements for workers on portable structures in theatre, musical touring, film, trade show and television, or other related industries that use similar portable structures.

1.4 References.

The below listed documents are listed for informational purposes. Only specifically noted sections of these documents will be incorporated into this standard by means of a reference.

ANSI E1.2 - 2013 – Entertainment Technology – Design, Manufacture and Use of Aluminum Trusses and Towers

ANSI A10.32 – 2004 – *Fall Protection*