



NATIONAL FIRE PROTECTION ASSOCIATION

The leading information and knowledge resource on fire, electrical and related hazards

AGENDA

NFPA Technical Committee on Fire Service Occupational Safety (FIX-AAA) NFPA 1550 - Standard for Emergency Responder Health and Safety Second Draft Meeting (ERRS Consolidation Plan Group 3 Custom(F2023))

March 14, 2023

11:00 a.m. – 1:00 p.m. (Eastern)

MS Teams – Web/Teleconference

To join the meeting, please contact Jenny Depew – jdepew@nfpa.org

1. **Call to order.** Randy Krause.
2. **Introductions.** See committee roster attached.
3. **Chair report.** Randy Krause.
4. **Staff liaison report.** Robert Fash.
5. **Previous meeting minutes.** February 10th & 23rd, 2022, First Draft Meeting Web/Teleconference. See attached.
6. **NFPA 1550 Second Draft.**
 - a. **Public Comments.** See attached.
 - b. **Task group report(s).**
 - i. **NFPA 1500.**
 - ii. **NFPA 1521.**
 - iii. **NFPA 1561.**
 - c. **Presentation(s).**
 - i. **TBD.**
 - d. **Committee Inputs.** See attached.
7. **Other Business.**
8. **Future meetings.**
9. **Adjournment.**

Address List

02/27/2023

Robert Fash

FIX-AAA

Fire Service Occupational Safety

Randy J. Krause Chair Port of Seattle Fire Department 2400 South 170th Street Seattle, WA 98158	E 03/05/2012 FIX-AAA	Murrey E. Loflin Secretary National Institute for Occupational Safety & Health 1095 Willowdale Road MS H-1808 Morgantown, WV 26505 Alternate: Jay L. Tarley	RT 4/1/1993 FIX-AAA
Christina M. Baxter Principal Emergency Response Tips, LLC PO Box 511237 Melbourne Beach, FL 32951	SE 04/11/2018 FIX-AAA	David T. Bernzweig Principal Ohio Association of Professional Fire Fighters (OAPFF) 444 Brookside Drive Columbus, OH 43209	L 10/20/2010 FIX-AAA
Sandy Bogucki Principal Yale University Emergency Medicine 464 Congress Avenue, Suite 260 New Haven, CT 06519-1315	SE 7/1/1996 FIX-AAA	Dennis R. Childress Principal Orange County Fire Authority 26 Santa Clara San Clemente, CA 92672 California State Firefighters Association	U 7/1/1993 FIX-AAA
Fabrice Czarnecki Principal DHS Transportation Security Administration 6440 Noble Drive McLean, VA 22101 American College of Occupational and Environmental Medicine (ACOEM)	SE 12/06/2019 FIX-AAA	David W. Dodson Principal Response Solutions LLC 13991 Albion Way Thornton, CO 80602-7044 Fire Department Safety Officers Association Alternate: Eric Valliere	SE 04/08/2015 FIX-AAA
Brandon Fletcher Principal Gilt Edge Volunteer Fire Department 11189 Highway 59 West Burlison, TN 38015	E 08/24/2021 FIX-AAA	Kenneth Gale Principal Mitchell Associates Architects, PLLC. 29 Thacher Park Road Voorheesville, NY 12186	SE 12/07/2021 FIX-AAA
Christopher A. Garrett Principal City of Owasso Fire Department 200 S. Main Street Owasso, OK 74055 International Fire Service Training Association Alternate: Dan Ripley	M 10/18/2011 FIX-AAA	Sean M. Gray Principal Cobb County Fire And Emergency Services 139 Lake Reserve Way Canton, GA 30115	U 04/12/2022 FIX-AAA

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James Roger Lackore Principal REV Fire Group S94W23720 Kunzendorf Court Big Bend, WI 53103 Fire Apparatus Manufacturers Association	M 3/7/2013 FIX-AAA	Tamara DiAnda Lopes Principal American Iron Gym 650 S. Rock Boulevard, Suite 6 Reno, NV 89502	U 07/24/1997 FIX-AAA
Michael V. Meyers Principal Fire Department City of New York (FDNY) 57 Kingfisher Road Levittown, NY 11756 Operations	U 08/24/2021 FIX-AAA	Steven M. Moffatt Principal Ascension St. Vincent/Public Safety Medical Public Safety Medical-Ascension 6612 E. 75th Street Suite 200 Indianapolis, IN 46250	SE 12/08/2015 FIX-AAA
Paul J. Napoli Principal Association of Fire Districts of the State of New York 90 Davison Avenue Oceanside, NY 11572-2242 Association of Fire Districts/State of New York	U 08/11/2014 FIX-AAA	Robert D. Neamy Principal 550 Highway 88 Gardnerville, NV 89460 National Incident Management System Consortium Alternate: Edward M. Hawthorne	M 1/10/2008 FIX-AAA
John R Niemiec Principal International Association of Fire Fighters (IAFF) 1750 New York Avenue, NW Washington, DC 20006 Alternate: Timothy Dorsey	L 12/06/2019 FIX-AAA	Mark Henderson Pound Principal Kentville Volunteer Fire Department 229 Main Street Kentville, NS B4N 1J6 Canada	U 04/14/2021 FIX-AAA

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Daniel G. Samo Principal Northwestern Medical Group Corporate Health 676 North St, Clair, Suite 900 Chicago, IL 60611 Alternate: Michael Isaac Peters	SE 4/17/1998 FIX-AAA	Andrew G. Schwartz Principal LION Group, Inc. 7200 Poe Avenue, Suite 400 Dayton, OH 45414 Alternate: Karen E. Lehtonen	M 7/26/2007 FIX-AAA
Denise L. Smith Principal Skidmore College University of Illinois Fire Service Institute 815 North Broadway Saratoga Springs, NY 12866	SE 8/2/2010 FIX-AAA	Donald F. Stewart Principal Medocracy Inc./Fairfax County Fire & Rescue Fairfax County Occupational Health Center 12099 Government Center Pkwy Suite 2300 Fairfax, VA 22035	E 4/17/2002 FIX-AAA
Philip C. Stittleburg Principal La Farge Fire Department 114 South State Street La Farge, WI 54639-0009 National Volunteer Fire Council Alternate: Kenneth Desmond	U 1/1/1988 FIX-AAA	Woodrow W Sullivan Principal Volunteer Fireman's Insurance Services, Inc. (VFIS) 1152 Snowden Road Wilmington, NC 28412 Alternate: Bryan P. Duquin	I 12/07/2022 FIX-AAA
Fred C. Terryn Principal US Department of the Air Force Air Force Civil Engineering Center HQ AFCEC/CXF 139 Barnes Drive, Suite 1 Tyndall AFB, FL 32403-5319 Alternate: Brian Dean Thompson	U 7/28/2006 FIX-AAA	John Tippett Principal National Fallen Firefighters Foundation 2130 Priest Bridge Drive Suite 6 Crofton, MD 21114	C 12/07/2018 FIX-AAA
Ronnie Villanueva Principal Los Angeles Fire Department 200 N. Main Street Che Rm 1800 Los Angeles, CA 90012 Alternate: Gregg Avery	U 08/17/2017 FIX-AAA	Siu Fung "Bruce" Wong Principal Self Employed Po Box 1362 Shatin Central Post Office Hong Kong, HONG KONG 0000 China	SE 12/07/2022 FIX-AAA

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Gregg Avery	U 08/17/2017	Kenneth Desmond	U 04/08/2015
Alternate Los Angeles Fire Department 200 N. Main Street Los Angeles, CA 90012 Principal: Ronnie Villanueva	FIX-AAA	Alternate 21 Aspen Lane Bath, ME 04530-2200 National Volunteer Fire Council Principal: Philip C. Stittleburg	FIX-AAA
Timothy Dorsey	L 12/02/2020	Bryan P. Duquin	I 12/07/2021
Alternate Lake Ozark Fire Protection District Division Chief 1767 Bagnell Dam Boulevard Lake Ozark, MO 65049 International Association of Fire Fighters Principal: John R Niemiec	FIX-AAA	Alternate Volunteer Fireman's Insurance Services, Inc. (VFIS) 183 Leader Heights Road York, PA 17402 Principal: Woodrow W Sullivan	FIX-AAA
Edward I. Galaid	SE 12/06/2019	Edward M. Hawthorne	M 11/30/2016
Alternate Roper St. Francis Occupational Medicine 507 International Boulevard N Charleston, SC 29418 Principal: Stanley Haimes	FIX-AAA	Alternate DFW Dynamics 2012 Fairway Bend Drive Haslet, TX 76052-2804 National Incident Management System Consortium Principal: Robert D. Neamy	FIX-AAA
Karen E. Lehtonen	M 08/10/2022	Michael Isaac Peters	SE 08/10/2022
Alternate LION Group, Inc. 7200 Poe Avenue, Suite 400 Dayton, OH 45414 Principal: Andrew G. Schwartz	FIX-AAA	Alternate Northwestern Medicine 352 Park Lane Lake Bluff, IL 60044 Principal: Daniel G. Samo	FIX-AAA
Dan Ripley	M 04/12/2022	Joanne R. Rund	E 04/02/2020
Alternate International Fire Service Training Association (IFSTA) 9411 Keystone Drive Lincoln, NE 68516 Principal: Christopher A. Garrett	FIX-AAA	Alternate Baltimore County Fire Department 700 E. Joppa Road 4th Floor Baltimore, MD 21286 International Association of Fire Chiefs Principal: Scott D. Kerwood	FIX-AAA

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Fire Service Occupational Safety

Jay L. Tarley	RT 12/07/2018	Brian Dean Thompson	U 08/08/2019
Alternate National Institute for Occupational Safety & Health 3 Troy Lane Fairmont, WV 26554-1463 Principal: Murrey E. Loflin	FIX-AAA	Alternate United States Air Force 139 Barnes Drive, Suite 1 Tyndall Afb, FL 32403 Principal: Fred C. Terryn	FIX-AAA
Eric Valliere	SE 04/03/2019	William R. Hamilton	E 3/4/2009
Alternate Scottsdale Fire Department 8401 E. Indian School Road Scottsdale, AZ 85251 Fire Department Safety Officers Association Principal: David W. Dodson	FIX-AAA	Nonvoting Member US Department of Labor Occupational Safety & Health Administration 200 Constitution Avenue NW, Room N3609 Washington, DC 20210 Alternate: Andrew Levinson	FIX-AAA
Andrew Levinson	E 7/28/2006	Robert Fash	8/2/2021
Alt. to Nonvoting Member US Department of Labor Occupational Safety & Health Administration 200 Constitution Avenue NW, Room N3718 Washington, DC 20210 Occupational Safety & Health Administration Principal: William R. Hamilton	FIX-AAA	Staff Liaison National Fire Protection Association One Batterymarch Park Quincy, MA 02169-7471	FIX-AAA



Meeting Minutes

NFPA Technical Committee on Fire Service Occupational Safety (FIX-AAA) NFPA 1550 First Draft Meeting (Custom ERRS Group 3)

Meeting Dates, February 10, 2022, and February 23, 2022
10 a.m. – 3 p.m. (ET)

Web/Teleconference

February 10, 2022

Call to Order

The Chair called the meeting to order at 10:05 am Eastern time.

Chairman Krause welcomed members and guests to the meeting of the NFPA Technical Committee on Fire Service Occupational Safety. He thanked technical committee members for their efforts with the upcoming work on the revision on these medical and health standards.

Members and guest introduction held due to short timeframe of the meeting. Attendance is recorded in Table 1.

This is the First Draft Meeting for: NFPA 1550, *Standard for Emergency Responder Health and Safety*.

Bob Fash provided an overview of the NFPA standards making process especially the actions dealing with this first draft meeting for NFPA 1550, which includes the following standards: NFPA 1500, NFPA 1521, and NFPA 1561. (see attached)

A motion was made to approve the minutes of the technical committee Second Draft Meeting for NFPA 1581, 1582, 1583, and 1584, 2022 Editions, held September 21, 22, 29, October 5, 6, 2020 via Microsoft Teams.

- **Chapter 18, Functions and Structure of Command (NFPA 1561)**
 - The technical committee acted on the Public Input and created First Revisions.
- **Chapter 8, Fire Apparatus, Equipment, and Driver/Operators (NFPA 1500)**
 - The technical committee acted on the Public Input and created First Revisions.
- **Chapter 12, Facility Safety (NFPA 1500)**
 - The technical committee acted on the Public Input and created First Revisions.
- **Chapter 14, Behavioral Health and Wellness Programs (NFPA 1500)**
 - The technical committee acted on the Public Input and created First Revisions.
- **Chapter 16, Exposure to Contaminants Programs (NFPA 1500)**
 - The technical committee acted on the Public Input and created First Revisions.

The session recessed at 1458 hours. The next session will be February 23.

February 23, 2022

Call to Order

The Chair called the meeting to order at 10:00am Eastern time.

Chairman Krause welcomed members and guests to the meeting of the NFPA Technical Committee on Fire Service Occupational Safety. He thanked technical committee members for their efforts with the upcoming work on the revision on these medical and health standards.

Members and guests not present at the first meeting were asked to introduce themselves. Attendance is recorded in Table 1.

This is the second First Draft Meeting for: NFPA 1550, *Standard for Emergency Responder Health and Safety*.

NFPA 1550, (NFPA 1521 Standard for Fire Department Safety Officer)

The technical committee acted on the Public Input and created First Revisions and addressed and approved the “Duty Statements” that are proposed by task group recommendation for Chapters 4 & 5 of the document. Additional Annexes “Overview of JPRs” and “NFFF-16 Life Safety Initiative” were approved for inclusion within the consolidated document.

NFPA 1550, (NFPA 1561 Standard on Emergency Services Incident Management System and Command Safety)

The technical committee acted on the Public Input and created First Revisions. Addressed and Incident within an incident and Appendix material. Committee agreed to research and identify how to implement the “Behavioral Health” Component within the Incident Command structure for Annex.

NFPA 1550, (NFPA 1500 Standard on Fire Department Occupational Safety, Health, and Wellness)

The technical committee acted on the Public Input and created First Revisions. Addressed items in Chapter 3, Chapter 9, Chapter 15, and Chapter 16.

The committee discussed updating the content related to member behavioral health by adding a definition for resiliency and outlining peer support program.

The committee agreed to create a “Committee Input” to potentially change *fire department* as it appears in the NFPA 1550 document to *emergency response agencies*. Further action to be taken at the 2nd draft meeting.

The session adjourned at 1544 hours.

Table 1 Meeting Attendance.

	Name	Employer/Organization Represented	Interest Category	Feb 10	Feb 23
Chair	Randy Krause	Port of Seattle Fire Department	E	Y	Y
Secretary	Loflin, Murrey	National Institute for Occupational Safety &	SE	Y	
Principals	Christina Baxter	Emergency Response Tips, LLC	SE	Y	Y
	David T. Bernzweig	Columbus Firefighters Union	L	Y	Y
	Sandy Bogucki	Yale University Emergency Medicine	SE		
	Dennis Childress	Orange County Fire Authority <i>Rep. California State Firefighters Association</i>	U		
	Donald Lee Cox	Volunteer Firemen's Insurance Services, Inc	I	Y	
	Fabrice Czarnecki	DHS/TSA <i>Rep. American College of Occupational and Environmental Medicine (ACOEM)</i>	SE	Y	Y
	David Dodson	Response Solutions LLC <i>Rep. Fire Department Safety Officers Association</i>	SE	Y	Y
	Scott William Dollman	United States Army	U	Y	Y
	Brandon Fletcher	Gilt Edge Volunteer Fire Department	E	Y	

Name	Employer/Organization Represented	Interest Category	Feb 10	Feb 23
Kenneth Gale	Mitchell Associates Architects, PLLC.	SE	Y	Y
Christopher Garrett	City of Owasso Rep. International Fire Service Training	M	Y	
Stanley Haimes	UCF College of Medicine	SE	Y	Y
Kepra Jack	Heartfit For Duty	U	Y	
Scott Kerrwood	Hutto Fire Rescue Rep. International Association of Fire Chiefs	E	Y	Y
James Roger Lackore	REV Fire Group Rep. Fire Apparatus Manufacturers Association	M	Y	
Tamara DiAnda Lopes	American Iron Gym	U		
Michael V. Meyers	Fire Department City of New York Rep. Fire Department City of New York	U	Y	Y
Steven M. Moffatt	Public Safety Medical	SE		
Paul J. Napoli	Association of Fire Districts/State of New York Rep. Association of Fire Districts/State of New York	U		
Robert D. Neamy	National Incident Management System Consortium Rep. National Incident Management System Consortium	M	Y	Y
John Niemiec	International Association of Fire Fighters (IAFF) Rep. International Association of Fire Fighters	L		Y
Mark Henderson Pound	Kentville Volunteer Fire Department	U	Y	Y
David J. Prezant	Fire Department City of New York (FDNY) Rep. Fire Department City of New York	E	Y	
Mario D. Rueda	San Marino Fire Department	E	Y	Y
Daniel G. Samo	Northwestern Medical Group	SE	Y	
Andrew Schwartz	LION Group, Inc.	M	Y	Y
Denise Smith	Skidmore College	SE	Y	
Donald F. Stewart	Medocracy Inc./Fairfax County Fire & Rescue Rep. Fairfax County Fire & Rescue Department	E		
Philip C. Stittleburg	La Farge Fire Department Rep. National Volunteer Fire Council	U	Y	Y
Fred C. Terry	US Department of the Air Force	U		
John Tippet	National Fallen Fire Fighters Foundation Rep. National Fallen Firefighters Foundation	C	Y	
Ronnie Villanueva	Los Angeles Fire Department	U	Y	Y
Voting Alternate	Brian Carlson	University Of Cincinnati	SE	
Alternates	Gregg Avery Alt. to Ronnie Villanueva	Los Angeles Fire Department	U	
	Kenneth Desmond Alt. to Philip C. Stittleburg	Rep. National Volunteer Fire Council	U	
	Timothy Dorsey Alt. to John R Niemiec	Lake Ozark Fire Protection District Rep. International Association of Fire Fighters	L	Y
	Bryan P. Duquin Alt. to Donald Lee Cox	Volunteer Fireman's Insurance Services, Inc. (VFIS) Rep. Volunteer Fireman's Insurance Services, Inc.	I	
	Edward Galaid Alt. to Stan Haimes	Roper St. Francis Occupational Medicine	SE	
	Edward M. Hawthorne Alt. to Robert D. Neamy	National Incident Management System Consortium Rep. National Incident Management System Consortium	M	Y
	Stuart Namie Alt. to Scott William Dollman	Fort Benning Fire Department	U	
	Joanne R. Rund Alt. to Scott D. Kerwood	Baltimore County Fire Department Rep. International Association of Fire Chiefs	E	Y
	Jay L. Tarley Alt. to Murrey E. Loflin	National Institute for Occupational Safety & Health Rep. National Institute for Occupational Safety & Health	R/T	
	Brian Dean Thompson Alt. to Fred C. Terry	United States Air Force	U	Y

	Name	Employer/Organization Represented	Interest Category	Feb 10	Feb 23
	Eric Valliere <i>Alt. to David W. Dodson</i>	Scottsdale Fire Department <i>Rep. Fire Department Safety Officers Association</i>	SE		
Non-Voting Member	William R. Hamilton	US Department of Labor <i>Rep. Occupational Safety & Health Administration</i>	E	Y	Y
	Andrew Levinson <i>Alt. to William R. Hamilton</i>	US Department of Labor <i>Rep. Occupational Safety & Health Administration</i>	E		
Staff Liaison	Robert Fash	National Fire Protection Association	-	Y	Y
	Barry Chase	NFPA		Y	Y
Guests	Howard Meek	Texas A&M Engineering Extension Service (TEEX)	-		Y



Public Comment No. 5-NFPA 1550-2023 [New Section after 3.3.33]

Contamination Control Zones

Contamination control zones are areas inside a facility that are designated to indicate the likelihood of exposure to contaminants.

3.3.xx.1 Green Zones are clean areas in the facility such as living, kitchen, dormitory, etc.

3.3.xx.2 Red Zones are spaces within a facility that are likely to be exposed to contaminants or carcinogens

3.3.xx.3 Yellow Zones are transition areas within a facility between the contaminated area (Red Zone) and the clean area (Green Zone)

Statement of Problem and Substantiation for Public Comment

This standard has requirements for zones on an incident scene and in a facility, contamination zones are relatively new in NFPA requirements and should be defined in the definitions. This will be an aid to anyone using this document.

Related Item

- PI 24 Section 12.5

Submitter Information Verification

Submitter Full Name: Marni Schmid

Organization: Fortunes Collide Marketing LLC

Affiliation: F.I.E.R.O.

Street Address:

City:

State:

Zip:

Submittal Date: Mon Jan 02 14:50:32 EST 2023

Committee: FIX-AAA



Public Comment No. 3-NFPA 1550-2022 [Section No. 16.5.2 [Excluding any Sub-Sections]]

Respiratory protection ~~during overhaul shall~~ during post-fire extinguishment activities, such as overhaul or fire investigation, shall consist of an SCBA.

Statement of Problem and Substantiation for Public Comment

The committee statement from the first draft resolution did not address the first part of PI-26. This comment is to make sure this language is added.

Related Item

- PI-26

Submitter Information Verification

Submitter Full Name: Scott Plumer

Organization:

Street Address:

City:

State:

Zip:

Submittal Date: Tue Oct 25 13:03:40 EDT 2022

Committee: FIX-AAA



Public Comment No. 4-NFPA 1550-2022 [New Section after A.18.9.3.2]

TITLE OF NEW CONTENT

Add below current text A 18.9.3.2.1 example of modular development under a Medical AdvisorType your content here ...

Additional Proposed Changes

<u>File Name</u>	<u>Description</u>	<u>Approved</u>
Behavioral_Health_Ops_input_1550.doc	Modular development under a Medical Advisor	

Statement of Problem and Substantiation for Public Comment

This information is a modular development under a Medical Advisor to show an ICS example. This information is obtained out of FIREScope Field Operation Guide Critical Incident Peer Support Team Operating System Description, and FIREScope ICS 180 Document. A complete FIREScope document can be downloaded by going to FIREScope.org, ICS 180.

Related Item

- Modular development of ICS under a Medical Advisor

Submitter Information Verification

Submitter Full Name: Robert Neamy
Organization: [Not Specified]
Affiliation: NIMS Consortium and FIREScope OPS Team
Street Address:
City:
State:
Zip:
Submittal Date: Mon Dec 19 12:15:44 EST 2022
Committee: FIX-AAA



Committee Input No. 82-NFPA 1550-2022 [Global Input]

The technical committee is considering changing "Fire Departments" to "Emergency Response Agencies"

Submitter Information Verification

Committee: FIX-AAA

Submittal Date: Wed Mar 09 16:42:28 EST 2022

Committee Statement

Committee Statement: The technical committee is considering changing "fire departments" to "emergency response agencies" where ever it appears in the document to recognize that many document users (AHJs) are not typical fire departments.

Response Message: CI-82-NFPA 1550-2022

Ballot Results

This item has not been balloted