



NATIONAL FIRE PROTECTION ASSOCIATION

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

NEC® Code-Making Panel 14 First Draft Meeting Agenda

January 4 – 9, 2021

Microsoft Teams

1. Call to Order, Chair
2. Introductions (Attachment A)
3. Approval of Previous Meeting Minutes (Attachment B)
4. Staff Updates, NFPA Staff
 - a. Overview of NFPA Process
5. Review of Public Inputs
6. Old Business
7. New Business
8. Adjourn

Attachment A: Code-Making Panel Roster

Address List No Phone

12/18/2020
Jeffrey S. Sargent
NEC-P14

Code-Making Panel 14 National Electrical Code®

| | | | |
|--|--|--|---------------------------------------|
| Michael W. Smith Chair ZAK Company 240 Larkin Williams Industrial Court Fenton, MO 63026 National Electrical Contractors Association Alternate: Scott Masters | IM 04/04/2017 NEC-P14 | Donald W. Ankele Principal UL LLC 333 Pfingsten Road Northbrook, IL 60062-2096 Alternate: Paul T. Kelly | RT 7/29/2005 NEC-P14 |
| Steven J. Blais Principal Appleton Group 9377 West Higgins Road Rosemont, IL 60018-4943 National Electrical Manufacturers Association Alternate: Edmund R. Leubner | M 10/27/2009 NEC-P14 | Corey Cahill Principal US Coast Guard 2703 MLK Jr. Avenue SE Washington, DC 20593-7509 | E 07/29/2013 NEC-P14 |
| William T. Fiske Principal Intertek Testing Services 3933 US Route 11 South Cortland, NY 13045-9715 Alternate: Mihail Bantic | RT 08/09/2011 NEC-P14 | Mark Goodman Principal Mark Goodman Electrical Consulting 9591 Landfall Drive Huntington Beach, CA 92646-8211 American Petroleum Institute Alternate: Dave Burns | U 04/01/1996 NEC-P14 |
| Paul E. Guidry Principal Fluor Enterprises, Inc. 4514 Casey Circle Sugar Land, TX 77479-5284 Associated Builders & Contractors | U 04/02/2020 NEC-P14 | Haywood Kines Principal Prince William County Building Development 5 County Complex Court Suite 120 Woodbridge, VA 22192 International Association of Electrical Inspectors Alternate: Mark A. Chrysler | E 07/29/2013 NEC-P14 |
| William G. Lawrence, Jr. Principal FM Global 1151 Boston-Providence Trnpk PO Box 9102 Norwood, MA 02062-9102 Alternate: Eddie Ramirez | I 4/4/1997 NEC-P14 | L. Evans Massey Principal Baldor Electric Company 6040 Ponders Court Greenville, SC 29615 Instrumentation, Systems, & Automation Society Alternate: Ted H. Schnaare | M 3/21/2006 NEC-P14 |
| William E. McBride Principal CONAM Construction Company 301 W Northern Lights Blvd Suite 300 Anchorage, AK 99503 IEEE-IAS/PES JTCC Alternate: Andrew Hernandez | U 08/17/2017 NEC-P14 | Jeremy Neagle Principal US Bureau of Alcohol, Tobacco, Firearms & Explosives Fire Research Laboratory 6000 Ammendale Road Beltsville, MD 20705 | U 1/10/2002 NEC-P14 |

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| Lowell Reith Principal Interstates Construction Services, Inc. 2448 Village Lane Salina, KS 67420 Independent Electrical Contractors, Inc. Alternate: David Caffrey | IM 04/04/2017 NEC-P14 | John L. Simmons Principal Florida East Coast JATC IBEW Local Union 728 201 SE 24th Street Ft. Lauderdale, FL 33316 International Brotherhood of Electrical Workers Alternate: Thomas E. Dunne | L 10/27/2005 NEC-P14 |
| Karl Von Knobelsdorff Principal Knobelsdorff Electric 25701 370th Street Goodhue, MN 55027 | IM 04/02/2020 NEC-P14 | Fred K. Walker Principal US Department Of The Air Force AFCEC/COSM 139 Barnes Drive, Suite 1 Panama City, FL 32403-5319 Alternate: Rexford Belleville | E 01/01/1991 NEC-P14 |
| David B. Wechsler Principal Consultant 27706 Dalton Bluff Court Katy, TX 77494-2729 American Chemistry Council Alternate: Richard A. Holub | U 7/1/1996 NEC-P14 | Mark C. Wirfs Principal R & W Engineering, Inc. 9615 SW Allen Blvd., Suite 107 Beaverton, OR 97005 Grain Elevator and Processing Society | U 10/1/1993 NEC-P14 |
| Mihail Bantic Alternate Intertek 1909 10th Street, Suite 100 Plano, TX 75074 Principal: William T. Fiske | RT 12/07/2018 NEC-P14 | Rexford Belleville Alternate US Department of The Air Force 2261 Hughes Avenue Suite 155 JB SA Lackland AFB, TX 78236 Principal: Fred K. Walker | E 08/08/2019 NEC-P14 |
| Dave Burns Alternate Shell P&T: Innovation/R&D Unconventional Technology PO Box 481 Houston, TX 77001-0481 American Petroleum Institute Principal: Mark Goodman | U 10/27/2005 NEC-P14 | David Caffrey Alternate Centerfire Electric Inc 4901 Tally Ho Avenue, NW Albuquerque, NM 87114 Independent Electrical Contractors, Inc. Principal: Lowell Reith | IM 04/02/2020 NEC-P14 |
| Mark A. Chrysler Alternate San Diego Gas And Electric Retired Contract Electrical Inspector 13814 Cheryl Creek Drive El Cajon, CA 92021 International Association of Electrical Inspectors Principal: Haywood Kines | E 04/004/2017 NEC-P14 | Thomas E. Dunne Alternate Long Island Joint Apprenticeship & Training Committee 370 Motor Parkway Hauppauge, NY 11788 International Brotherhood of Electrical Workers Principal: John L. Simmons | L 7/23/2008 NEC-P14 |

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| Andrew Hernandez Alternate Arete 524 Giada Drive Wilmington, DE 19808 IEEE-IAS/PES JTCC Principal: William E. McBride | U 10/28/2014 NEC-P14 | Richard A. Holub Alternate The DuPont Company, Inc. DuPont Engineering 974 Center Road, CRP 723/ 2099 PO Box 2915 Wilmington, DE 19805 American Chemistry Council Principal: David B. Wechsler | U 7/29/2005 NEC-P14 |
| Paul T. Kelly Alternate UL LLC 333 Pfingsten Road Northbrook, IL 60062-2096 Principal: Donald W. Ankele | RT 07/29/2013 NEC-P14 | Edmund R. Leubner Alternate Eaton's Crouse-Hinds Business 1201 Wolf Street Syracuse, NY 13208 National Electrical Manufacturers Association Principal: Steven J. Blais | M 08/11/2014 NEC-P14 |
| Scott Masters Alternate MatrixNac 1510 Chester Pike Eddystone, PA 19022 National Electrical Contractors Association Principal: Michael W. Smith | IM 04/03/2019 NEC-P14 | Eddie Ramirez Alternate FM Global 1151 Boston-Providence Trmpk PO Box 9102 Norwood, MA 02062-9102 Principal: William G. Lawrence, Jr. | I 10/18/2011 NEC-P14 |
| Ted H. Schnaare Alternate Rosemount Incorporated 6021 Innovation Boulevard Shakopee, MN 55379 Instrumentation, Systems, & Automation Society Principal: L. Evans Massey | M 1/15/1999 NEC-P14 | Michael E. Aaron Nonvoting Member Wiss Janney Elstner Associates, Inc. 10 South Lasalle Street Suite 2600 Chicago, IL 60603 TC on Airport Facilities | SE 08/03/2016 NEC-P14 |
| Mark McEwen Nonvoting Member Canadian Standards Association (CSA) Group 178 Rexdale Boulevard Toronto, ON M9W 1R3 Canada | RT 08/11/2020 NEC-P14 | Jeffrey S. Sargent Staff Liaison National Fire Protection Association One Batterymarch Park Quincy, MA 02169-7471 | 08/31/2019 NEC-P14 |

Attachment B: Previous Meeting Minutes

NEC® Code-Making Panel 14 Chair Report

Signature:

Dates and Location of Meeting: October 28 – 31, 2018

1. List names of NEC® Code-Making Panel Members in Attendance: **See Attendance List given to Staff.**
2. List names of Guests in Attendance: **See Attendance List given to Staff.**
3. List names of Guests who addressed the Panel, the subject of their presentation and the length of time they spoke: **See Attendance List given to Staff. No Presentations given.**
4. Number of Public Inputs/Comments acted upon: **107**
5. Number of First/Second Revisions Created: **36**
6. List any Task Groups appointed to work subsequent to the First/Second Draft Meeting, along with the names of Task Group members:

Task Group 1- Global & Definitions

| John Simmons | Chair | L |
|---------------------|--------------|----------|
| Cahill | Corey | E |
| Reith | Lowwell | IM |
| Schnaare | Ted | M |
| Kelly | Paul | RT |
| Arron | Michael | SE |
| Hernandez | Andrew | U |
| Wirfs | Mark | U |

Task Group 2- Article #501

| Don Ankele | Chair | RT |
|-------------------|--------------|-----------|
| Ramirez | Eddie | I |
| Cole | Cory | IM |
| Dunne | Thomas | L |
| Holub | Richard | U |
| Neagle | Jeremy | U |
| Levi | Arkady | UT |
| Chrysler | Mark | E |

Task Group 3-Articles 502,503,504,506

| Bill Fiske | Chair | M |
|------------|--------|----|
| Chrysler | Mark | E |
| Massey | Evans | RT |
| Burns | Dave | U |
| Dunne | Thomas | L |
| Goodman | Mark | U |
| Ankele | Don | RT |
| Cole | Cory | IM |

Task Group 4 - Article #505

| Richard Holub | Chair | U |
|---------------|---------|----|
| Lawrence | William | I |
| Blais | Steven | M |
| Pope | Tim | RT |
| Wechsler | David | U |
| Alexander | Harold | UT |
| Kines | Haywood | E |
| Massey | Evans | M |
| Simmons | John | L |

Task Group 5 - Article #511, 513, 514, 515 & 516

| Mark Goodman | Chair | U |
|--------------|---------|----|
| Trapp | Steven | IM |
| Leubner | Edmund | M |
| McBride | William | U |
| Ankele | Donald | RT |
| Kines | Haywood | E |
| Cahill | Corey | E |

7. List any Public Input/Comment or First/Second Revision that may need to be referred to another Panel for information or correlation:
8. List any Public Input/Comment that requires NEC[®] Correlating Committee attention:
9. List any general requests for information or assistance from the NEC[®] Correlating Committee: **We continue to meet with the task group on various other NFPA standards that we have extracted information from. NFPA 499, 652, 654,**

10. List any issues that should be brought to the attention of the NFPA Research Foundation:
None.

11. List any additional information that would be helpful to the NEC[®] Correlating Committee, NFPA Staff, or process in general: **None.**

Code-Making Panel 14 Attendance

NEC® Second Draft Meeting (A2019)

Michael Smith, *Chair*

Laura Moreno, *Staff Liaison*

Jeremy Souza, *Staff Liaison*

Mark Earley, *Staff Liaison*

Principals in Attendance

Donald Ankele, UL LLC

Steven Blais, National Electrical Manufacturers Association

William Fiske, Intertek Testing Services

Mark Goodman, American Petroleum Institute

William Lawrence, FM Global

Evans Massey, Instrumentation, Systems & Automation

William McBride, Institute of Electrical & Electronics

Jeremy Neagle, US Bureau of Alcohol, Tobacco and Firearms

Thomas Pottschmidt, Edison Electric Institute

Lowell Reith, Independent Electrical Contractors, Inc.

John Simmons, International Brotherhood of Electrical Workers

Mark Wirfs, Grain Elevator and Processing Society

Alternates in Attendance

Dave Burns, American Petroleum Institute

Cory Cole, Independent Electrical Contractors, Inc.

Thomas Dunne, International Brotherhood of Electrical Workers

Andrew Hernandez, Institute of Electrical & Electronics

Richard Holub, American Chemistry Council

Haywood Kines, International Association of Electrical Inspectors

Edmund Leubner, National Electrical Manufacturers Association

Eddie Ramirez, FM Global

Nonvoting Members in Attendance

Timothy Pope, Canadian Standards Association

Guests in Attendance

Wesley Wheeler, NECA

Keith Lofland, IAEI

Mike Anthony, Standards Michigan

Guy Colonna, NFPA Staff

Scott Masters, NECA

Cara Grady, NFPA Staff

Dale Crawford, Steel Tube Institute