Standards Council Meeting  
FINAL MINUTES  
Video Conference  
April 14-15, 2021

Members Present:

James E. Golinveaux, Chair  
Kenneth E. Bush  
Michael A. Crowley  
Jeffrey J. Foisel  
Richard A. Gallagher  
Michael J. Johnston  
David P. Klein  
John R. Kovacik  
Jack Poole  
James R. Quiter  
Rodger Reiswig  
Kenneth W. Richards  
Catherine Stashak

Staff in attendance:

Dawn Michele Bellis, Secretary, Standards Council  
Christian Dubay, Vice President, Codes and Standards and Chief Engineer  
Delisa Fleming, Membership Coordinator  
Suzanne Gallagher, Deputy General Counsel

| 21-4-1 | The Council heard the Report of the Committee Membership Task Group (J. Quiter, Chair). |
| 21-4-1-a | Upon the Council’s annual review of committee membership and participation, the Council voted to approve the committee non-reappointments as recommended by the Task Group. |
| 21-4-1-b | The Council voted to approve the Report of the Committee Membership Task Group with amendments as recommended by the Task Group. Changes in committee membership approved by the Council are included as Minutes Attachment 21-4-1-b |

Council Chair James Golinveaux recused himself from deliberations and vote on all Viking Group, Inc. and NFSA applicants; Council Member Kenneth Bush recused himself from deliberations and vote on all NFPA 1 Technical Committee applicants; Council Member Mike Crowley recused himself from deliberations and vote on his personal applications and all Coffman Associates applicants; Council Member Jeffrey Foisel recused himself from deliberations and vote on all Dow and Dakra applicants; Council Member Richard Gallagher recused himself from deliberations and vote on all Zurich Services, Corp. applicants; Council Member David Klein recused himself from deliberations and vote on all Department of Veterans Affairs applicants; Council Member John Kovacik recused himself from deliberations and vote on all UL applications; Council Member Rodger Reiswig recused himself from deliberations and vote on all Johnson Controls, AFAA and NEC-AAC applications; Council Member Kenneth
Richards recused himself from deliberations and vote on all applications for the Technical Committee on Fire Service Training (FIY-AAA); and Council Member Catherine Stashak recused herself from deliberations and vote on all Illinois Office of the State Fire Marshal applicants.

| 21-4-1-c | The Council voted to accept the Membership Task Group’s recommendation to approve reclassification of member of the Fire Code Correlating Committee (FCC-AAC). |
| 21-4-1-d | Following Decision No. 20-6 (20-12-21), the Membership Task Group reported back to Council about concerns regarding the membership of the Technical Committee on Aircraft Fuel Servicing (AIF-AAA). The Council voted to disband the current Technical Committee on Aircraft Fuel Servicing (AIF-AAA) with thanks for their participation. The Council further directed a call for Committee applications be published. All existing members of the Committee, as well as other interested individuals, are encouraged to apply online at [www.nfpa.org/407tc](http://www.nfpa.org/407tc). NFPA staff will return to the Council with a proposed start-up roster and a recommendation for a Committee Chair at the August 2021 meeting. |

| 21-4-2 | The Council reviewed the list of candidates for the 2021 Standards Medal, Special Achievement, and Committee Service Awards and approved nominations as proposed by the Awards Task Group. Council Member David Klein recused himself from deliberations and vote on the nominations proposed by the Awards Task Group. |
| 21-4-3 | The Council heard a report from the Policy and Procedure Task Group. (J. Foisel, Chair) |
| 21-4-4 | The Council heard a report on the December 2020 Minutes (ballot approval of January 8, 2021). |
| 21-4-5 | The Council heard a presentation about the role of Standards Council in the NFPA Standards Development Process by Suzanne Gallagher, Deputy General Counsel. |

### TENTATIVE INTERIM AMENDMENTS (TIAs)

| 21-4-6 NFPA 2 | The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise section 10.5.1.6.2 and add new associated Annex material of the 2020 edition of NFPA 2, *Hydrogen Technologies Code* (TIA No. 1542). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature when balloted prior to submission to the Standards Council. |
| 21-4-7 NFPA 10 | The Council voted to not issue proposed Tentative Interim Amendment (TIA) to revise Annex A.7.2.2item (5) of the proposed 2022 edition of NFPA 10, *Standard for Portable Fire Extinguishers* (TIA No. 1557). The TIA achieved the necessary support of the Technical Committee on technical merit but failed to achieve the necessary support on emergency nature when balloted prior to submission to the Standards Council. |
| 21-4-8 NFPA 12 | The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise section 4.7.1.6 of the 2018 edition and proposed 2022 edition of NFPA 12, *Standard on Carbon Dioxide Extinguishing Systems* (TIA No. 1543). The TIA achieved the necessary support of the
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<tr>
<td>21-4-9</td>
<td>NFPA 13</td>
<td>The Council voted to not issue proposed Tentative Interim Amendment (TIA) to revise section 20.5.3.1.3 of the proposed 2022 edition of NFPA 13, <em>Standard for the Installation of Sprinkler Systems</em> (TIA No. 1560). The TIA failed to achieve the necessary support of the Technical Committee on technical merit and emergency nature, achieved the necessary support on correlation, but failed to achieve the necessary support of the Correlating Committee on emergency nature when balloted prior to submission to the Standards Council. Council member Richard Gallagher recused himself from deliberations and vote on this Tentative Interim Amendment.</td>
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| 21-4-10 | NFPA 72 | The Council voted to issue proposed Tentative Interim Amendment (TIA) to add new Annex material A.14.3.2 to the 2019 edition and proposed 2022 edition of NFPA 72, *Fire Alarm Signaling Code* (TIA No. 1548). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature* and the Correlating Committee on correlation and emergency nature, when balloted prior to submission to the Standards Council. Council Members David Klein, Jack Poole and Rodger Reiswig recused themselves from deliberations and vote on this Tentative Interim Amendment.  
*Note: The responsible Technical Committee was re-balloted on TIA No. 1548 after the identification of an error by NFPA staff and with the approval of Council. The full record is available as attachments to the agenda (See Attachment 21-4-10-a) |
<p>| 21-4-11 | NFPA 72 | The Council voted to issue proposed Tentative Interim Amendment (TIA) to add new section 26.2.10 to the 2019 edition and proposed 2022 editions of NFPA 72, <em>Fire Alarm Signaling Code</em> (TIA No. 1549). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature, when balloted prior to submission to the Standards Council. Council Member Jack Poole recused himself from deliberations and vote on this Tentative Interim Amendment. |
| 21-4-12 | NFPA 92 | The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise Annex A.5.11 Example 4 of the 2021 edition of NFPA 92, <em>Standard for Smoke Control Systems</em> (TIA No. 1547). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature when balloted prior to submission to the Standards Council. |
| 21-4-13 | NFPA 99 | The Council voted to issue proposed Tentative Interim Amendment (TIA) to add new item (13) to section 6.1.3 and revise Section 6.1.4 of the 2021 edition of NFPA 99, <em>Health Care Facilities Code</em> (TIA No. 1522). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature, when balloted prior to submission to the Standards Council. Council Members Mike Crowley and Jack Poole recused themselves from the deliberations and vote on this Tentative Interim Amendment. |</p>
<table>
<thead>
<tr>
<th>Date</th>
<th>NFPA 101 (21-4-14)</th>
<th>NFPA 407 (21-4-15)</th>
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<td>D#21-3 At its meeting of April 14-15, 2021, the Standards Council considered an appeal from Steve Berry, NATA General Aviation Fuel Handling Subcommittee. The appeal requests that the Standards Council overturn the Technical Committee ballot results and issue TIA No. 1558 on the 2017 and proposed 2022 editions of NFPA 407, <em>Standard for Aircraft Fuel Servicing</em>. Specifically, the appeal requests that the Standards Council issue TIA No. 1558 which seeks to revise paragraphs 5.1.12, 6.1.3.12.2.7, 6.1.3.12.2.8, 6.1.3.12.2.9 and Table C.1. As background, TIA No. 1558 was balloted through the Technical Committee on Aircraft Fuel Servicing (TC) in accordance with the <em>Regulations Governing the Development of NFPA Standards</em> (Regs) to determine whether the required three-fourths majority support was achieved on technical merit and emergency nature to establish recommendation for issuance. The ballot failed TC on both technical merit and emergency nature. When a TIA fails to achieve the recommendation of the responsible committee, the resulting recommendation of the standards development process is to not issue the TIA. On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated. The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that the text of TIA No. 1558 will not be included in NFPA 407, <em>Standard for Aircraft Fuel Servicing</em>, 2017 and proposed 2022 editions. This is the second time the appellant has come before Council seeking issuance of a failed TIA related to changing overfill protection requirements established in NFPA 407 two revision cycles ago, which have an enforcement date of compliance beginning in June 2021. The first appeal related to TIA No. 1539 was heard at Council’s meeting in December 2020. One of the bases for that appeal was that NATA was denied an opportunity to address the Technical Committee on this issue at its second draft meeting in September of 2020. The Council opened an inquiry into that allegation in its decision D#20-6 and took action based on the results of that inquiry during the present Council meeting (see minute item 21-4-1-d).</td>
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For this appeal, the appellant again described a procedural failure as one of the bases of this appeal related to TIA No. 1558; namely, that NATA was denied the opportunity to address the Technical Committee at its second draft meeting. The appellant confirmed during the hearing that this was a reiteration of the same procedural concern raised in connection with its prior TIA appeal in December and that no new, different, or additional procedural concerns arose. Given that this concern has been addressed by Council, it is worth noting that no procedural failures were otherwise identified.

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<th>21-4-16</th>
<th>NFPA 499</th>
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| The Council voted to issue proposed Tentative Interim Amendment (TIA) to revise section 3.3.3. and associated Annex material of the 2021 edition of NFPA 499, *Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas*, (TIA No. 1546). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature when balloted prior to submission to the Standards Council.

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<th>21-4-17</th>
<th>NFPA 909</th>
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| The Council voted to issue proposed Tentative Interim Amendment (TIA) to add new references to sections 2.2, 2.3.1, 2.4, revise section 11.2.5 and add a new section 11.2.6 to the 2021 edition of NFPA 909, *Code for the Protection of Cultural Resource Properties – Museums, Libraries, and Places of Worship*, (TIA No. 1544). The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature when balloted prior to submission to the Standards Council.

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<th>21-4-18</th>
<th>NFPA 1403</th>
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| D#21-1 At its meeting of April 14-15, 2021, the Standards Council considered an appeal from Ryan McGill, IAFF Local 2068. The appeal requests that the Standards Council overturn the Technical Committee ballot results and issue TIA No. 1552 on the 2018 Edition of NFPA 1403, *Standard on Live Fire Training*. Specifically, the appeal requests that the Standards Council issue TIA No. 1552 which seeks to revise Section 4.13.2.

As background, TIA No. 1552 was balloted through the Technical Committee on Fire Service Training (TC) in accordance with the *Regulations Governing the Development of NFPA Standards (Reg*) to determine whether the required three-fourths majority support was achieved on technical merit and emergency nature to establish recommendation for issuance. The ballot failed TC on both technical merit and emergency nature.

When a TIA fails to achieve the recommendation of the responsible committee, the resulting recommendation of the standards development process is to not issue the TIA.

On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated.

The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In the view of the Council, this appeal does not present any clear and substantial basis upon which to overturn the results yielded by the NFPA standards development process. Accordingly, the Council has voted to deny the appeal. The effect of this action is that the text of TIA No. 1552 will not be included in NFPA 1403, *Standard on Live Fire Training*, 2018 Edition.
The Council wishes to address the procedural concerns expressed by the Appellant during the hearing. Specifically, the Appellant noted concern that the Technical Committee met to discuss this TIA without publicly posting notice. The Appellant acknowledged he was subsequently afforded an opportunity to discuss the TIA before members of the Technical Committee at a meeting called by the Appellant, which was also not posted publicly. The Council finds that any procedural concern related to the Appellant was not material in this case because the Appellant ultimately had an opportunity to discuss the TIA with the Technical Committee before the ballot was final.

That said, during the course of consideration and ballot on this TIA, there were at least two meetings of the Technical Committee that did not have the benefit of being publicly posted in advance to allow for broad participation. Also clear from the record is that there is a significant body of data related to training fuels used in live-fire fighter training that has yet to be fully considered by the Technical Committee. Therefore, the Council wishes to encourage interested stakeholders to submit a new TIA to address this matter. Any new TIA(s) submitted will be processed in accordance with the Regs and forwarded to Council with recommendation of the responsible committee after balloting.

Council Members John Kovacik and Kenneth Richards recused themselves from the deliberations and vote on the appeal.

21-4-19
NFPA 1977

The Council voted to issue proposed Tentative Interim Amendment (TIA) to delete and replace Figure 6.14.6(a) with existing figure from the 2016 edition of NFPA 1977, Standard for Protective Clothing and Equipment for Wildland Fire Fighting, (TIA No. 1562) for the proposed 2022 edition. The TIA achieved the necessary support of the Technical Committee on technical merit and emergency nature and the Correlating Committee on correlation and emergency nature, when balloted prior to submission to the Standards Council.

21-4-20
NFPA 1986

D#21-2 At its meeting of April 14-15, 2021, the Standards Council considered two appeals regarding the recommendation yielded by the ballot results of the responsible technical and correlating committees. The first was submitted by Clint Mayhue, Avon Protection Systems requesting that the Standards Council overturn the Correlating Committee ballot results and issue TIA No. 1545 on the 2017 Edition of NFPA 1986, Standard on Respiratory Protection Equipment for Tactical and Technical Operations. The second appeal was filed by John Morris, 3M, requesting that the Standards Council uphold the Correlating Committee ballot results which failed to gain sufficient support on emergency nature and therefore, not issue TIA No. 1545 on NFPA 1986. Specifically, the TIA at issue seeks to revise paragraphs 8.2.5.5, 8.2.5.7, 8.2.5.8, 8.23.5.4 through 8.23.5.6 and 8.23.5.7(new).

As background, TIA No. 1545 was balloted through the Technical Committee on Tactical and Technical Operations Respiratory Protection Equipment (TC) and the Correlating Committee on Fire and Emergency Services Protective Clothing and Equipment (CC) in accordance with the Regulations Governing the Development of NFPA Standards (Regs) to determine whether the required three-fourths majority support was achieved on technical merit, correlation and emergency nature for recommendation of issuance. The TIA achieved the necessary support of
the TC on both technical merit and emergency nature, and on correlation by the CC, but failed to achieve the necessary support of the CC on emergency nature.

When a TIA fails to achieve the recommendation of the responsible committees, the resulting recommendation of the standards development process is to not issue the TIA.

On appeal, the Council accords great respect and deference to the NFPA standards development process. In conducting its review, the Council will overturn the results of that process only where a clear and substantial basis for doing so is demonstrated. There is such a basis demonstrated in this matter.

Council notes that this TIA failed by one vote on emergency nature by the Correlating Committee. The Technical Committee overwhelmingly seeks to make this technical change with public support from user groups, such as law enforcement and military, who assert that the TIA is necessary to reflect the hazards and operational requirements encountered during tactical operations (other than fire-fighting operations). This position is consistent with a primary reason that NFPA 1986 was developed as a stand-alone document, which was to address the unique safety and operational concerns related to SCBA used during tactical operations.

The Council has reviewed the entire record concerning this matter and has considered all the arguments put forth in this appeal. In this case, based upon all information presented, the Council finds sufficient basis to issue TIA No. 1545. Accordingly, the Council has voted to uphold Clint Mayhue’s appeal and deny John Morris’s appeal. The effect of this action is that the text of TIA No. 1545 will be included in NFPA 1986, *Standard on Respiratory Protection Equipment for Tactical and Technical Operations, 2017 Edition.*

### REVISION CYCLES

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<th>21-4-21</th>
<th>The Council voted to approve the request from the Technical Committee on Helicopter Facilities to change the respective revision schedule as follows:</th>
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<tr>
<td><strong>Doc No.</strong></td>
<td><strong>Current Edition</strong></td>
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<td>NFPA 418</td>
<td>2021</td>
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*Note: See 21-4-29 for additional Council approval of the Public Input closing dates for Group 3 of the ERRS Consolidation project.*

### NEW PROJECTS

| 21-4-22 | The Council voted to deny the request of Christopher Wagner, AmeriGas Propane, to develop a standard to address Mobile Food Establishments/Mobile Cooking Operations. After review and deliberation of this request, the Council wishes to remind that currently NFPA 1, NFPA 58 and |
NFPA 96 include requirements related to Mobile Food Establishments/Mobile Cooking Operations and encourages continued coordinated efforts across these projects to continue. Additionally, the Council extends its sincerest thanks to all those who submitted comments in response to the call for interest and applications for committee participation had the project proceeded.

21-4-23 The Council voted to approve the request of Brian Lukus, City and County of Denver, Colorado, to develop a new standard to address fire protection of cannabis growing and processing facilities after review and deliberation of this request. NFPA Staff is to provide the Committee Membership Task Group with recommendations for the initial roster of the responsible Technical Committee in preparation for the August Council meeting, and to present proposed scopes for the committee and project to the full Council in August, as well. In accordance with the Regulations, once the responsible Technical Committee is appointed, has developed a draft document, and agrees that the draft is ready for public input, the TC will then make a request to the Council to enter the draft into its initial revision cycle.

21-4-24 The Council voted to approve the request of the Technical Committee on Hazardous Waste to enter the preliminary draft of NFPA 401, Recommended Practice for the Prevention of Fires and Uncontrolled Chemical Reactions Associated with the Handling of Hazardous Waste into its initial revision cycle, with a Public Input closing date of January 5, 2022. The Council wishes to take this opportunity to note that this project was initiated at the request of CSB and to support stakeholder needs identified.

REPORTS BACK TO COUNCIL

21-4-25 The Council heard a report from NFPA staff regarding initial findings related to the request of Megan Hayes on behalf of NEMA regarding NFPA’s use of the terms of listed versus certified. After discussion, the Council finds no reason to alter the definitions of listed nor certified within NFPA’s Regulations.

21-4-26 The Council acknowledged that, in accordance with prior actions and direction of Council, the following standards have completed their current revision cycles and are therefore transferred to the Technical Committee on Emergency Responders Occupational Health:
- NFPA 1581, Standard on Fire Department Infection Control Program
- NFPA 1582, Standard on Comprehensive Occupational Medical Program for Fire Departments
- NFPA 1583, Standard on Health-Related Fitness Programs for Fire Department Members
- NFPA 1584, Standard on the Rehabilitation process for Members During Emergency Operations and Training Exercises

21-4-27 The Council voted to approve the request to remove NFPA 1081 from new consolidated document NFPA 1010. NFPA 1081 will therefore enter its next revision cycle, continuing as a stand-alone standard.

GENERAL ITEMS
The Council voted to approve the location/method and dates for the upcoming Council meetings in 2021 as follows:

August 24-26, 2021
Video Conference

December 7-8, 2021
Tempe, Arizona (tentatively, pending return to travel)

The Council heard updates from the Council Secretary. Additionally, the Council voted to approve the Public Input closing date of November 10, 2021 for the standards in Group 3. For details of what standards are in Group 3 and more information on the ERRS consolidation projects, please go to [www.nfpa.org/errs](http://www.nfpa.org/errs).

Respectfully Submitted,

Dawn Michele Bellis
Secretary, Standards Council