1. Call to Order – 4:00 P.M.
2. Introductions & Attendance
3. Committee Roster Review
4. Agenda Review
5. Approval of Previous Meeting Minutes [attachment]
6. NFPA Staff Liaison Presentation
7. Chairman Remarks
8. Process Public Comments & Generate Second Revisions [attachment]
9. Adjourn Meeting
First Draft Meeting Minutes

NFPA 170 Technical Committee on Fire Safety and Emergency Symbols

May 13-14, 2013

Embassy Suites Arboretum

Austin, TX

1. Call to order

The Fall 2014 First Draft meeting of the Technical Committee on Fire Safety and Emergency Symbols was called to order by Chairman Brad Schiffer on May 13, 2013 at 12:00 pm. The meeting was also open on Adobe Connect for those members who were not physically in attendance.

2. Introduction of Committee Members

Self introductions of members were completed. Those present are indicated below:

**Fall 2014 First Draft Meeting Attendance (in person)**

<table>
<thead>
<tr>
<th>NAME</th>
<th>REPRESENTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schiffer, Brad - Chair</td>
<td>Brad Schiffer/Taxis, Inc.</td>
</tr>
<tr>
<td>Dhillon, Lily</td>
<td>National Electrical Manufacturers</td>
</tr>
<tr>
<td>Mundy, James</td>
<td>Automatic Fire Alarm Association, Inc.</td>
</tr>
<tr>
<td>Wood, Thomas</td>
<td>Boca Raton Fire Rescue Services</td>
</tr>
<tr>
<td>Stanek, Sandra – Staff Liaison</td>
<td>NFPA</td>
</tr>
</tbody>
</table>

**On-line attendance via Adobe Connect**

<table>
<thead>
<tr>
<th>NAME</th>
<th>REPRESENTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brown, Randy</td>
<td>Randal Brown &amp; Associates Ltd.</td>
</tr>
<tr>
<td>Heebner, Thomas</td>
<td>HUB International</td>
</tr>
<tr>
<td>Ploof Dana</td>
<td>Automatic Fire Alarm Association, Inc.</td>
</tr>
<tr>
<td>Cox, David</td>
<td>Fire Safety Displays Company</td>
</tr>
</tbody>
</table>

3. Announcements

Sandra Stanek reviewed NFPA’s meeting procedures and presented an overview of the new process. All participants received a “follow along booklet” for the training.
Public Input (First Draft) Closing date | Jan.4, 2013
---|---
First Draft Meeting | May 13, 2013
Posting of First Draft for balloting | Aug. 2, 2013
Ballots returned by | August 23, 2013
First Draft Published & Posted for Public Comments | Sept. 6, 2013
Public Comment closing date | Nov. 15, 2013
Final date for Second Draft Meeting | May, 2, 2014

4. Approval of Minutes
The minutes of the April 27, 2011 ROC meeting conducted via Windows Live were approved.

5. Action on Public Inputs
The committee acted on all public inputs. Various First Revisions from the committee were generated. It was decided that we would conclude the meeting via Adobe Connect web meeting on May 29, 2013 at 4 PM EDT to review the completed travel file in the new software.

6. Old Business
There was no old business to discuss.

7. New Business
No new business was discussed.

8. Adjournment with continuation
The meeting was adjourned at 11:00 AM on May 14, 2013 and will continue on May 29, 2013 via the web (Adobe Connect) to review the completed travel file and other discussion.

First Draft Continuation Meeting (web based)
May 28, 2013

1. Call to order
The Fall 2014 First Draft (continuation) meeting of the Technical Committee on Fire Safety and Emergency Symbols was called to order by Chairman Brad Schiffer on May 28, 2013 at 1:00 PM EST. The meeting was transmitted via Adobe Connect and all attendees had remote connection for audio & video.
2. Introduction of Committee Members

Self introductions of members were completed. Those present are indicated below:

**Fall 2014 First Draft Continuation Meeting Attendance (via the web)**

<table>
<thead>
<tr>
<th>NAME</th>
<th>REPRESENTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schiffer, Brad - Chair</td>
<td>Brad Schiffer/Taxis, Inc.</td>
</tr>
<tr>
<td>Wellen, Thomas</td>
<td>American Fire Sprinkler Association</td>
</tr>
<tr>
<td>Mundy, James</td>
<td>Automatic Fire Alarm Association, Inc.</td>
</tr>
<tr>
<td>Wood, Thomas</td>
<td>Boca Raton Fire Rescue Services</td>
</tr>
<tr>
<td>Cox, David</td>
<td>Fire Safety Displays Company</td>
</tr>
<tr>
<td>Stanek, Sandra – Staff Liaison</td>
<td>NFPA</td>
</tr>
</tbody>
</table>

3. Action on First Revisions

The committee reviewed all First Revisions acted upon in the meeting in Austin. The review included the sketched artwork attachments (symbol origination, etc) that were not completed at the initial meeting. The TC also added a new First Revision adding a new annex D showing an example of an Emergency Response Plan map for emergency responders.

4. Adjournment

The meeting was adjourned at 3:00 PM EST

Minutes prepared by: Sandra Stanek, Staff Liaison
Statement of Problem and Substantiation for Public Comment

many mining project benefit of the uses of heat cable and the have trouble to draw it.

Submitter Information Verification

Submitter Full Name: rivo herimalala briac
Organization: ambatovy
Street Address:
City:
State:
Zip:
Submittal Date: Tue Oct 29 09:27:56 EDT 2013

Copyright Assignment

I, rivo herimalala briac, hereby irrevocably grant and assign to the National Fire Protection Association (NFPA) all and full rights in copyright in this Public Comment (including both the Proposed Change and the Statement of Problem and Substantiation). I understand and intend that I acquire no rights, including rights as a joint author, in any publication of the NFPA in which this Public Comment in this or another similar or derivative form is used. I hereby warrant that I am the author of this Public Comment and that I have full power and authority to enter into this copyright assignment.

By checking this box I affirm that I am rivo herimalala briac, and I agree to be legally bound by the above Copyright Assignment and the terms and conditions contained therein. I understand and intend that, by checking this box, I am creating an electronic signature that will, upon my submission of this form, have the same legal force and effect as a handwritten signature.
I am in favor of the TC action in replacing the wisp of smoke with the letter "S" as identified in Committee Input No. 21.

Statement of Problem and Substantiation for Public Comment

None given.

Submitter Information Verification

Submitter Full Name: James Mundy
Organization: Asset Protection Associates, LTD
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Fri Nov 15 10:37:28 EST 2013

Copyright Assignment

I, James Mundy, hereby irrevocably grant and assign to the National Fire Protection Association (NFPA) all and full rights in copyright in this Public Comment (including both the Proposed Change and the Statement of Problem and Substantiation). I understand and intend that I acquire no rights, including rights as a joint author, in any publication of the NFPA in which this Public Comment in this or another similar or derivative form is used. I hereby warrant that I am the author of this Public Comment and that I have full power and authority to enter into this copyright assignment.

By checking this box I affirm that I am James Mundy, and I agree to be legally bound by the above Copyright Assignment and the terms and conditions contained therein. I understand and intend that, by checking this box, I am creating an electronic signature that will, upon my submission of this form, have the same legal force and effect as a handwritten signature.
Public Comment No. 6-NFPA 170-2013 [ Global Input ]

I would like to recommend that the smoke detector symbol be modified to a normal "S" not the backwards version. I support the change recommended in Committee Input No. 21.

Statement of Problem and Substantiation for Public Comment

None given.

Submitter Information Verification

Submitter Full Name: JON ISTRE
Organization: SIEMENS INDUSTRY
Street Address:
City:
State:
Zip:
Submittal Date: Fri Nov 15 10:42:09 EST 2013

Copyright Assignment

I, JON ISTRE, hereby irrevocably grant and assign to the National Fire Protection Association (NFPA) all and full rights in copyright in this Public Comment (including both the Proposed Change and the Statement of Problem and Substantiation). I understand and intend that I acquire no rights, including rights as a joint author, in any publication of the NFPA in which this Public Comment in this or another similar or derivative form is used. I hereby warrant that I am the author of this Public Comment and that I have full power and authority to enter into this copyright assignment.

By checking this box I affirm that I am JON ISTRE, and I agree to be legally bound by the above Copyright Assignment and the terms and conditions contained therein. I understand and intend that, by checking this box, I am creating an electronic signature that will, upon my submission of this form, have the same legal force and effect as a handwritten signature.
3.3.3 Self-Luminous Photoluminescent (Emergency Symbols).

A sign with photoluminescent materials that have the ability to store incident electromagnetic radiation typically from ambient light sources, and release it in the form of visible light.

Statement of Problem and Substantiation for Public Comment

I propose to replace the term "self-luminous" with "photoluminescent" throughout NFPA 170. The type of signage and emergency evacuation plans covered by NFPA 170 are not produced using self-luminous, radioactive sign encasings but instead are - if so chosen - printed onto photoluminescent materials (non-electrical, non-radioactive). Underwriters Laboratories UL924 Standard 9th edition describes the term "self-luminous" as follows:

4.48 SELF-LUMINOUS EXIT SIGN – A sign with an integral legally required legend that is powered continuously by a self-contained energy source other than a battery, such as radioactive tritium gas.

Operation of a self-luminous exit sign is independent of external power supplies or other external forms of energy. This definition does not include exit signs dependent upon photoluminescent materials.

UL924 Standard 9th edition describes the term "photoluminescent" as follows:

4.38 PHOTOLUMINESCENT – Having the property of emitting light that continues for a length of time after excitation by visible or invisible light has been removed.

Emergency Evacuation Diagrams and Plans are not made using radioactive self-luminous material and not made using reflective material (reflective material is typically used on car license plates and traffic signs). Yet, Emergency Evacuation Diagrams and Plans are quite frequently made using photoluminescent material which charges when ambient lighting is on and emits its (non-electrical, non-radioactive) luminance in full darkness for building occupants to read in darkness scenarios. Fire service symbols are quite frequently made using photoluminescent materials (e.g., Man running, Fire Extinguisher, Fire Hose, Directional Arrows), yet never in radioactive self-luminous technology. The term "self-luminous" does NOT cover two technologies. Self-luminous does NOT include photoluminescent material, which is sometimes referred to as self-illuminating (but not self-luminous).

Related Item

Public Input No. 13-NFPA 170-2012 [Global Input]

Submitter Information Verification

Submitter Full Name: MARINA BATZKE
Organization: AMERICAN PERMALIGHT INC
Affiliation: ASTM E12.13 Sub-Committee Chair on Photoluminescent Safety Markings
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Thu Aug 29 20:38:48 EDT 2013