



**ICC CODE TECHNOLOGY COMMITTEE
MEETING #27
June 17 - 18, 2013**

**DRAFT MINUTES
Four Points Sheraton Chicago O'Hare
10249 W. Irving Park Road
Schiller Park, IL 60176**

Monday, June 17: 1:00 pm – 5:00 pm (NOTE 1:00 PM START)
Tuesday, June 18: 8:00 am – 4:00 pm (NOTE 4:00 PM ADJOURN)

1.0 Welcome and introductions - Chair Baldassarra

1.1 Call to order; introductions; welcoming remarks

Carl opened the meeting noting the CTC success rate at the Committee Action Hearings as being around 75%, compared to an overall hearing rate of 50%.

Self introductions were made. See Appendix A for a list of attendees. It was noted that Don Pratt has replaced Ray Kothe and Maureen Traxler has resigned from the CTC.

2.0 Approve agenda (posted)

Item 6.2 to be held until 10 am on Tuesday.

Add new item 3.2 to review the Study Group Matrix

3.0 Administration

3.1 Approval of April 8 – 9, 2013 Minutes (posted)

Approved

3.2 Study Group Matrix update (new item)

During agenda item 6.1 to replace Maureen on the VO Study Group, a comprehensive review of the SG matrix was performed. Staff to post.

Working meeting reviewing results of the 2013 Committee Action Hearings for Group B code change proposals for the CTC Areas of Study noted below. The working meeting will include developing CTC Public Comments on code changes. The agenda will also include the development of Group C code change proposals to the IgCC due January 6, 2014 (item 12.2). Reports for Group B code changes and Group C code change development activities (if any) will be posted in advance of the meeting.

4.0 Carbon Monoxide Detectors

4.1 UL Update

The history of this Area of Study was cited as follows:

- This was one of the first topics studied by the CTC in 2004
- The CTC's conclusion was not to have a code mandate for such devices due to uncertainties in their performance
- Code changes were approved to mandate their use

UL provided an update as to the status of UL2024

- Devices now monitor more types of gas
- Inservice and reliability tests are improved
- 3 year minimum sensor life
- Devices now have an "end of life" signal that activates to let the user know it needs to be replaced
- Detectors on the market have a 5 – 7 year life, the goal is 10 years which is the same for smoke

- alarms
- Improvements made to address false alarms

Action item: UL to develop a white paper and present to the CTC. A CO Study group was formed:

- Don Pratt, CTC, Chair
- Barry Gupton, CTC
- Dave Collins, CTC
- UL rep to be determined
- Bob Davidson, Davidson Code Concepts
- Nancy McNabb, NIST
- Fire Code Action Committee rep to be determined
- Richard Roberts, Honeywell

5.0 Care Facilities

Significant issues:

- EB 33 – Public comment needs to clarify that the proposal was not intended to address new vs. existing occupancies. The intent is to send the designer to the correct location for fire alarms as required in IFC and maintaining correlation in the codes.
- F212 Part I – Revise the entire code change to clarify that the intent is to provide an incentive. All hospitals should be retro actively sprinklered throughout. The consideration of alternatives should be a decision made by the code official.

6.0 Balanced Fire Protection (BFP)

6.1 Vertical openings

Carl Wren is the new Chair of the Study group

Ron Clements as Vice Chair

Vickie Lovell added as a member to the SG

6.2 Roof vents

Significant issues:

- F196 - Jeff Shapiro presented a possible public comment. The option of taking out the ESFR system during the next cycle should be reviewed. CTC supports the public comment.

7.0 Unenclosed Exits

See item 16.0.

8.0 IBC Coordination with ADAAG

Significant issues:

- EB 21 – The scoping for amusements rides applies to both inside the building and outside applications
- EB 42 – A reference to Section 1104.5 in 806.2 results in a very broad extension in the scope and application of the requirements. Reason statement needs to be revised to address the code committee’s comments directly
- SP26 – The phrase “the doors and operable windows having a sill height...” is confusing as doors do not have a sill height

9.0 Elevator Lobbies

Significant issues:

- F185 – No public comment by the CTC. The CAH action was for As Submitted

10.0 Child Window Safety

Significant issues:

- EB 9 – No public comment by the CTC. The approval of EB15 (AM) addresses CTC’s concerns

11.0 Climbable Guards

Significant issues:

- RB145 – The approved code change deletes “fixed seating” which was added by the CTC in previous cycles. The term was deleted in the 09/10 IBC cycle. The issue comes down to seats being added after the deck is built. The IRC and IBC are now correlated. No CTC public comment.

12.0 Relocatable Modular Buildings

12.1 Group B action on EB62

12.2 Group C IgCC: Relocatable (Relocated) Modular Building

Significant issues:

- Life cycle issues in the IgCC do not seem to be a problem for the modular industry
- The definitions in the IgCC need to be revised

13.0 NIST report on Charleston Sofa Fire

Significant issues:

- EB 48 – CTC will not be submitting a public comment
- ADM 38 - CTC will not be submitting a public comment. Focus on F345
- F345 – Clarify the proposed exceptions - The supervisor must meet the conditions identified in the triggering paragraph in order for the person with less than 5 years experience to qualify

14.0 Review of NIST WTC Recommendations

14.1 No current CTC code change development activity. No Group B code changes identified

15.0 Labeling of Fire Rated Glazing

15.1 CTC code change development activity occurred in the IBC and Group A. No Group B code changes identified.

16.0 New business

- Interpretation for accessible means of egress from sunken floor areas – provide information to the Unenclosed exit study group.
- F30 – the Fire CAC feels that the three terms in Section 404.3.2, namely: “areas of refuge”, “exterior area for assisted rescue”; and “refuge area” may be confusing. All three are necessary information for the fire safety plan. Reorganize the section and identify “refuge areas” as part of smoke barriers and horizontal exits.

17.0 Old business

17.1 Smoke migration modeling (minutes from last meeting below)

In order for this to be considered by the CTC, the following needs to be investigated:

- Statement of work
- Statement of objectives
- Identification of computer modeling performance objectives
- Identification of computer modeling fire scenario parameters

CTC action: Carl Wren to replace Maureen as Chair to the Study Group (see item 6.1). Copy all CTC members as this activity develops.

18.0 Future Meetings in 2013

18.1 Next meeting: TBD

19.0 Adjourn

The meeting was adjourned at 1:00 pm on June 18th .

CTC website: All documents posted on the CTC main page under the meeting announcement at the top of the page:

<http://www.iccsafe.org/cs/CTC/Pages/default.aspx>

ICC CODE TECHNOLOGY COMMITTEE

MEETING #27

Appendix A - Meeting Attendees

CTC Committee and Staff

CTC Committee

Carl Baldassarra, Chair
Tom Barrs
Ron Clements
Dave Collins
Barry Gupton
Wayne Jewell
Bill Koffel
Vickie Lovell
Mark Manville
Ron Nickson
Don Pratt
William Schock
Carl Wren

RJA Group
Scottsdale, AZ
Chesterfield, VA
The Preview Group, Inc. Rep; AIA
North Carolina Department of Insurance
Charter Township of Green Oak, MI
Koffel Associates, Inc.
Alliance for Fire & Smoke Containment & Control
Clay County, MO
National Multi Housing Council
National Association of Home Builders
San Leandro, CA
Austin Fire Department, TX

Staff

Lauren Crane
Tom Frost
Kim Paarlberg
Mike Pfeiffer
Bill Rehr

Interested Parties

Nancy McNabb
Rich Walke
Greg Keith
Emily Wilcheck
John Woestman
Jeff Shapiro
Richard Roberts
John Parssinen
Dave Dratnol
Bob Davidson
Jeri Morey
Ron Burton
Julie Ruth

NIST
UL
Boeing
Primary Fire Rated Glazing
Kellen Company
International Code Consultants
Honeywell
UL
Isolatek International
Davidson Code Concepts
Jeri L.S. Morey, Architect
BOMA
AAMA