

Indiana Mechanical Code Committee Meeting Minutes
Plainfield Guilford Township Public Library
September 19, 2012

Participants:

Cecilia Ernstes-Boxell, Chairperson	cernstes@dhs.in.gov
Ron Brown, Commission Representative	brown@nfsa.org
James Asel	James_Asel@edwardposeapts.com
Steve Bartrom (alternate Adam Holman)	sbartrom@indy.gov
T.J. Burns	tj.burns@indy.gov
Bill Ciriello	wjcplmbg@aol.com
Darrell Cross	dcross@noblesville.in.us
David Donahue	dcdconsultingllc@gmail.com
Dave Kelly	dmkelly99@koorsen.com
Kim Mann	kdm65@hotmail.com
Duane A. Mowrey	mowrey_duane_a@lilly.com
Bob Torbin	bob.torbin@omegaflex.net

Summary

1. Cecilia Ernstes-Boxell called the meeting to order and asked everyone to please sign one of the sign-in sheets.

2. Roll Call was taken. A quorum of the voting members was present.

3. Minutes:

Motion made by Dave Donahue; seconded by Steve Bartrom to accept the minutes as presented.
Motion carried.

Ron Brown chaired the meeting, at the request of Cecilia Ernstes-Boxell.

4. Discussion of Mechanical Code Change proposal:

a. Code Change Proposal 6-7; Section 602.1.

This is a revised code change proposal to eliminate a conflict created by code change proposal 6-3 between the Mechanical Code and the Fuel Gas Code. Motion made by Bill Ciriello to reject code change proposal 6-3; seconded by David Donahue. Motion carried. Bill Ciriello made a motion to accept code change proposal 6-7; seconded by David Donahue. Motion carried.

b. Code Change Proposal 11-3; Section 1106.5

Duane Mowrey stated the language is from the fire code. Motion made by Darrell Cross to accept; seconded by David Donahue. Motion carried.

c. ICC Errata

Ron Brown brought the Committees attention to the Errata information from ICC on the International Mechanical Code. Bill Ciriello made a motion to adopt the Errata as presented; David Cross seconded. Motion carried.

5. Discussion of new Memo from Mara Snyder, Section 507

a. Items 1 – 4 of Mara’s Memo

Based on the Commentary, the code official can decide what is Commercial. The use of Domestic Cooking appliances gives leeway to the code official to determine what “is a commercial use”. Domestic ranges in churches are not commercial use. Churches are not a commercial purpose, but another code official may call it commercial.

The Committee discussed churches that conduct fish fries, and other various fund raisers that involve the cooking of food and money changes hands, or a charitable licensed bingo hall that cooks and sells food, are these commercial uses. There are too many “what ifs”. Free meals would not be commercial. There are instances where the code official cannot determine if the cooking appliances are domestic or commercial by appearance. A picture was passed around showing a 4 burner gas range that appeared to be a commercial range with a residential hood.

A suggestion was made to require installation of a domestic fire suppression system in residential hoods. A domestic fire suppression system costs between \$800 and \$1200 dollar’s versus the cost of a Type I hood at \$1,000 dollar’ s per lineal foot for an average cost of \$6,000 dollar’s. It was not the intent of the Committee to regulate “break room” appliances.

A code change proposal was presented to the Committee to clarify the Committee’s intent and to address the fiscal impact as well. It was noted on the Code Change Proposal form that the proposed code change number assigned was 5-8 and noted as received on 9-19-12. Bill Ciriello asked why limit the proposal to domestic cooking appliances. Members of the Committee felt if the church or daycare went to the expense of purchasing commercial appliances, the church or daycare was planning on doing more than just warming food.

Darrell Cross made the motion to accept; Ron Brown seconded. Motion carried 5-0-2. The Committee agreed that items 1 – 4 of Mara’s memo had been adequately addressed.

b. Item 5 of Mara’s Memo.

Discussion took place regarding Item 5 of Mara’s memo. It was not the intent of the committee to require Type I hoods over all pizza conveying ovens, but to rely on the manufacturer of the conveying oven to provide documentation or information that the conveying oven complied with the exception to Section 507.2.1 to determine whether Type I hood is required.

It was asked if anyone on the Committee had data to show that conveying ovens were a hazard. Anecdotal evidence does show there are fires in conveying ovens, but cannot state what caused the fire. There is no actual data. It was discussed that there are several jurisdiction requiring Type I hoods over conveying pizza ovens, based on an ICC interpretation. The Committee’s intent for a Type I hold is for the large floor mounted conveying pizza ovens. The Committees intent does not include counter type conveyor system as they are classed as a light-duty cooking appliance. The Committee stated the exception may create a cost savings, if the owner can provide the information to comply with the exception. The code does not require the use of a conveyor type oven, so the owner can choose a different type of oven and may not have to install a Type I hood.

6 Fuel Gas Code Proposed Code Changes:

a. Code Change Proposal 4-1; Section 401.9

The code change proposal continues a standard practice. A possible conflict with the Mechanical Code in Section 301.2 was discussed. It was pointed out, that without the proposed exception; it would be difficult to comply. CSST does not have a continuous manufacturer's mark and neither does steel pipe. Bill Ciriello made a motion to accept; seconded by David Donahue. Motion carried.

b. Bill Ciriello made a motion to direct staff to change the Mechanical Code to reflect the same language as the Fuel Gas Code; seconded by David Donahue. Motion carried. Cecilia Ernstes-Boxell stated the proposed code change will be numbered 3-1 reference 301.3 of the Mechanical code.

c. Code Change Proposal 4-2; Section 404.6

The Committee discussed gas "migration" into buildings and what the proposed code change was protecting. The proposed change would still require proper sleeving and filling of the annular space. It was explained that this might be an NFPA requirement in the Mechanical Code. David Donahue made a motion to table, so more investigation could be completed. Committee agreed by consensus to table the proposal.

d. Code Change Proposal 4-3; Section 401.10

Code change proposal was withdrawn.

e. Code Change Proposal 3-1;

A brief history about CSST and bonding versus physical separation was given. In 2007, the CSST industry began requiring bonding of their product. In 2009 and then again in the 2012 codes, bonding was modified. A lengthy discussion took place regarding "bonding" and "grounding". The proponent explained that OmegaFlex has developed a product known as an "arch conductive jacket" designed to resist transient arc from lighting inside a building. The product has been tested in accordance with ANSI LC 1024. ICC ES has accepted the product and assigned an ICC ES PMG Listing as PMG-1066 and the product is listed in ANSI in L310, Arc Resistance Jackets. Competitors also have similar products to OmegaFlex. The product in question should be in the 2015 code cycle since OmegaFlex has obtained all the necessary product listing required by ICC before asking ICC to place the product in the code. Currently, the standard for their product is in the process of being added to NFPA 54. The Committee felt there may be a possible net savings if the product was used by the owner, when using the "jacket" versus "bonding". Kim Mann made a motion to accept the proposal; seconded by James Asel. Motion carried with a vote of 3-0-5.

7. Start review of the 2012 Fuel Gas Code.

a. Chapter 2 – Definitions

The Committee agreed by consensus to accept the new definition's and staff will modify the definitions that require modification.

b. Chapter 3

Section 301.11 Flood prone areas – staff revision

The Committee, by consensus agreed to retain the following sections of the model code: 304.4, 305.3.1, 305.3.2, 305.4, 305.7, 305.9, 305.10, 305.11, 305.12, 306.1, 306.3, 306.4, 306.5, 306.5.1, 307.3, 308.3.1, 308.3.2, 308.3.3, 308.3.4, 308.4.1, 308.4.2, 308.4.3, 308.4.4, 308.4.5, 310.1, 310.1.1

c. Chapter 4

The Committee, by consensus agreed to retain the following sections of the model code: 401.9, 401.10, 402.2, 402.6, 402.6.1, 402.6.1, Table 402.4(3), Table 402.4(5), Table 402.2.4(19)–(37), 403.4.2, 403.5.1, 403.6, 403.10.2, 404.1, 404.2, 404.3, 404.4, 404.6, 404.7, 404.8, 404.8.1, 404.8.2, 404.9, 404.10, 404.11, 404.11.1, 404.11.2, 404.12, 404.12.1, 404.13, 404.14, 404.14.1, 404.14.2, 404.15, 404.16, 404.17, 404.17.1, 404.17.2, 404.17.3, 404.18, 404.19, 406.1.1, 406.1.6, 406.3.5, 406.6.4, 406.7.1, 406.7.1.1, 406.7.1.2, 406.7.1.3, 406.7.1.4, 406.7.2, 406.7.2.1, 406.7.2.2, 406.7.3, 407.2, 408.4, Figure 408.4, Table 409.1.1, 409.5, 409.5.1, 409.5.2, 409.5.3, 409.6, 409.3.1, 409.4, 409.5, 409.6, 410.3.1, 410.4, 410.5, 411.1, 411.1.3.1, 411.1.3.3, 411.1.5, 411.1.6, 411.3. Committee agreed to re-visit Section 406.7 after additional research has been completed.

d. Chapter 5

The Committee, by consensus agreed to retain the following sections of the model code: 501.4, 501.15.4, 501.15.4.1, 503.1, 503.2.5, 503.3.2, 503.3, 503.3.4, 503.3.5, Table 503.4, 503.4.1.1, 503.5.6.1, 503.6, 503.6.13, 503.7, 503.7.5, 503.7.6, 503.7.7, 503.7.8, Table 503.10.5, 503.7.9, 503.7.10, 503.7.11, 503.7.12, 503.7.13, 503.10, 503.10.4.1, 503.10.6, 503.10.7, 503.10.2.3, 503.10.8, 503.10.9, 503.10.10, 503.10.11, 503.10.12, 503.10.13, 503.10.14, 503.16, 504.2, 504.2.3, Table 504.2(3) & Table 504.2(4), 504.2.9, 504.2.17, 504.3, 504.3.5, 504.3.20, 504.3.28, 505.1.1.

Cecilia will e mail the committee a final draft of the Mechanical Code and amendments. Please review them prior to the next meeting for any errors or omissions. If you notice any you are more than welcome to e mail her about them prior to the meeting.

Review of 406.6 and 7 were discussed and more review is needed prior to the next meeting.

If you have any proposals please have them to Cecilia by October 10, 2012.

8. The next meeting will be October 17, 2012 at Plainfield Guilford Township Public Library at 9:10 a.m.

9. Meeting Adjourned.