

## 1305 Rule – 2003 IBC Advisory Committee Meeting Summary *From (Fifth) January 26, 2004 Meeting*

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- Our fifth IBC Advisory Committee meeting was called to order on Monday January 26, 2004 at 9:20 AM. There were ten committee members/alternates present, including two BCSD staff members. There were also two other guests present for the meeting. BCSD staff informed committee members of a change in the meeting schedule. Please note that the next IBC Advisory Committee meeting is scheduled for Thursday, February 5, 2004 at 9:00 AM here at the BCSD offices. The proposed agenda is: cover all 2003 IBC changes (between 2000 and 2003 editions) from chapters 2 through 12. If anyone has a code change/sonar proposal (for anything) to submit for review, please do so as soon as possible.
- BCSD staff informed the committee that all current MSBC amendments from Chapters 16 through 23 are being reviewed by the 2003 IBC Structural Advisory Committee. Recommendations on all current and future amendments will be obtained from that advisory committee. If anyone has a proposed amendment to any one of those chapters, please submit it to Division staff so that we can direct it to the appropriate committee for further review.
- BCSD Staff outlined the chapters of the code that would be covered for this meeting. They are IBC chapters 16 through 35. BCSD staff submitted an outline of each current MSBC amendment for chapters 16 through 35. Each current code amendment was reviewed as follows:
  - **1305.2702.1 Emergency and Standby Power Systems.** 2000 IBC Section 2702.1 Installation. **[Maintain amendment]** This provision will be verified with the State Board of Electricity to see if they recommend changes. If not, amendment will remain as written.
  - **1305.2902 Minimum Plumbing Facilities.** Subpart 1, 2000 IBC Section 2902.1. Minimum number of fixtures. **[Maintain amendment]** State will keep amendment (exception) as written.
  - **1305.2902 Minimum Plumbing Facilities.** Subpart 2, 2000 IBC Section 2902.1. Minimum number of fixtures. **[Maintain amendment as footnote “g” to A-5 occupancies in Table 2902.1.]** Remainder of language in footnote to stay the same.
  - **2003 IBC Section 2902.1.1 Unisex Toilet and Bath Fixtures.** **[Amend as necessary for use with MSBC State Plumbing Code. Clarify “unisex” requirements for minimum fixtures (WC & Lav) per 1341]** This is not a “current” Minnesota State Building Code amendment. However, in discussing the following item (amendment 1305.2902), this IBC section will have to be amended so that there is correct coordination between the IBC and the Minnesota State

Plumbing Code (Rule 4715). MN Rule 4715 does not contain provisions to identify required fixtures in a “unisex” toilet room. This will be a “new” 1305 amendment in the next MSBC.

- **1305.2902 Minimum Plumbing Facilities.** Subpart 3 Separate Facilities. 2000 IBC Section 2902.2 Separate Facilities. **[Modify amendment as necessary to include only “B” occupancies. Remove “M” references.]** The committee determined this amendment should be maintained in the code, but that it should be modified to include language for only “B” occupancies. The reason is because exception #4 (which is new in the 2003 IBC) covers provisions for mercantile occupancies. The committee also discussed provisions for a change in IBC chapter 3 - for “A” occupancies that have fewer than 50 persons. Under this condition, a small restaurant for example, could be classified as a “B” occupancy.
- **1305.2902 Minimum Plumbing Facilities.** Subpart 4 Controlled Access to Required Facilities. 2000 IBC Section 2902.6 Public facilities. **[Renumber to 2902.7 Controlled Access to Required Facilities]** *This amendment is a State Statute that is required to be incorporated into the code.*
- **1305.3030 Elevators and Conveying Systems.** **[Maintain amendment]** The elevator safety code provides for the regulation of these devices.
- **1305.3109 Swimming Pool Enclosures.** IBC Section 3109. **[Maintain amendment]**
- **1305.3302 Construction Safeguards.** IBC Section 3302. **[Maintain amendment]**
- **1305.3305 Sanitary.** IBC Section 3305. **[Maintain amendment]**
- **1305.3401 Existing Structures.** IBC Chapter 34. **[Maintain amendment]**
- **1305.3500 Referenced Standards.** IBC Chapter 35. **[Amend NFPA 13, 13R & 13D to 2002; Delete UL 555 & 555S]** NFPA sprinkler standards will be changed (if need be) to be coordinated with the State Fire Code. This includes NFPA alarm references. References standards will be modified as/if necessary.
- **Proposal code change: Add new section - IBC section 909.4.7. Door Operating Forces.** **[Approved as submitted]** This proposal provides references to IBC chapter 10, section 1008.1.2 for maximum operating forces for any door that defines the boundary or, or is part of a smoke control system designed per 909. The complete sonar was submitted by Mr. Mike O’Hara PE, principal of The MountainStar Group. This item was actually submitted at the last meeting and then withdrawn for corrective action. The committee determined that this clarification will provide for a more uniform application of the code at final inspection of these

types of systems. The code change was accepted by the committee and approved without change.

- **Proposal code change: Amend MSBC 1305.0707. Shaft Enclosures. [Code change withdrawn. No committee action on proposal. Committee voted by a show of hands (unanimous) to delete all amendments associate with IBC section 707.7, 707.14.1, 714.2.3, 714.2.3.1 and 715.2.3.2]** This proposal was submitted by Mr. L. Ed Soltvedt on behalf of MN BOMA. A complete sonar was submitted for committee consideration. BCSD staff provided a brief history of how the amendments “came to be.” The amendments were submitted in the last day just prior to the public hearing on the 2003 MSBC. The proponents submitted the proposed sonar/code change and provided further information/justification at the hearing for the code. At the hearing, there was no opposition to the proposal. After the public hearing, the administrative law judge accepted their change into the code. The item was not submitted to, nor reviewed by the 2000 IBC Advisory Committee. Current Advisory Committee members discussed the merits of Mr. Soltvedt’s proposal. Mr. Kent Warden, Executive Director of BOMA-MN, provided additional information on the financial impact of the amendments and expressed their associations “distaste” with the way the amendment was adopted into the current code. He also identified the fact that this item had been discussed and debated at the national code change level for many years and that it had not been incorporated into the national code after many attempts at that level. After some additional discussion on proposed language contained in Mr. Soltvedt’s amendment, it became apparent that committee members were reluctant to amend the current amendment - being more in favor of deleting all associated amendments for this item. A show of hands vote was taken to determine if the current proposal should be incorporated into the amendment, or if “tweaking” of the current amendment(s) was needed at all. The committee came to a general consensus that current state amendment(s) should be rescinded. A show of hands vote confirmed that all current (2003 MSBC) amendments should be rescinded and original IBC code language should remain - un-amended. With that vote, Mr. Soltvedt withdrew his proposed amendment.
- **Proposal code change: Amend current 1305 amendment. IBC section 1305.0707.14.1. Elevator Lobby. [Amendment withdrawn for modification by proponent. No committee action.]** A complete sonar was submitted by Mr. Mike O’Hara PE; principal of The MountainStar Group. His two-part proposal amended IBC section 707.14.1, exception 1 by deleting “in office buildings” and adding language to qualify occupancies other than “I” “H” and “R.” He also intended to add an exception for elevator lobbies pressurized in accordance with section 909. BCSD staff identified that his proposal, if accepted, would need to be “tweaked” after resulting action and the outcome from Mr. Soltvedt’s code change proposal. The affected sections, being un-amended, would now have to be renumbered to fit into the IBC. The committee discussed the merits of additional exception for 909 hoistways. After much debate, committee consensus was that the 909 provision be deleted. Designs of this nature should be considered as an alternate. The

committee was open to the proposal for qualifying occupancies under exception one however, and asked the proponent to re-write and resubmit the code change for further consideration. Item was withdrawn for resubmittal at a later date.

- A letter requesting consideration for a code change was provided to the committee. The letter, dated October 15, 2003, as submitted by Centex Homes of Minnesota. They had a request for a change to door threshold height conditions. Centex would like the .5-inch maximum threshold height for front doors and garage service doors changed to .75 inches to allow for flexibility in floor type conditions. A committee member identified that this issue was/has been proposed at the national level and had failed. The committee also discussed the requirement and it's relationship to MSBC 1341. After some discussion, the committee determined that if the proponent wants to propose a code change, they should submit an actual code change proposal with a sonar for further consideration. **[No committee action was taken.]**
- **Code Adoption.** BCSD staff informed the committee that staff would like a committee recommendation (for the record) clearly identifying the national model code the state should consider for updating the current building code. This had never been done to this date and, for record purposes, committee consensus was identified as an item that needed to be addressed. A show of hands vote was taken on adoption of the 2003 International Building Code, as published by the International Code Council. A unanimous member count was taken. **[For record purposes, the IBC Advisory Committee voted to support adoption of the 2003 IBC in the next edition of the State Building Code.]**
- **Editorial Changes.** BCSD staff discussed some editorial changes that needed to be made to the existing 1305 document. There have been a number of typographical errors found in the rule. The BCSD Rules Coordinator asked staff to check with advisory committee members to see if they/you objected to staff making necessary changes without formal committee review. Examples include section 310 in the section title. It should state "Residential Group R." 1305 states "Smoke Detectors" which is incorrect. These are the types of editorial changes necessary. The committee did not object to this kind of change and recommended BCSD staff to make said changes as necessary.
- **Next Meeting:** The meeting was adjourned at 11:40 AM. The next meeting is scheduled for February 5<sup>th</sup> 2004 at 9:00 AM at the BCSD offices.

- **Committee Members Present/Absent:**

**Present:**

**Mike Post, Minnesota Fire Marshals Association**  
**Steve Fichtel, AIA MN**  
**Pat Higgins, AMBO**  
**Frank Berg, AMBO**  
**Paul Heimkes, BCSD**  
**Jerry Norman, BCSD**  
**Steve Thorp, AMBO**  
**Kathi Osmonson, AMBO**  
**Ed Solvedt, BOMA**  
**John Swanson, State Fire Marshal**

**Absent:**

**Minnesota Insurance Federation**  
**Minnesota Multi-Housing Association**  
**Minnesota Retailers Association**  
**Minnesota Fire Chiefs Association**  
**Roger Larson, AIA MN**