

International Building Code Development Committee

Fire Safety sub-committee
2003 State amendments to the
2000 IBC Chapters 16-25; Appendix G, I

2000 IBC Section	State Amendment Subject	Sub-committee comments
704.2.3	Combustible projections	Seems to make sense let's take it National
707.7	Openings in shaft enclosures	To be worked on in conjunction with elevator lobbies
707.14.1	Elevator Lobbies	Work on smoke control with knowledgeable persons to be consistent with other vertical shafts and take National. – April 2005 meeting
714.2.3	Doors in corridors and smoke barriers	Not needed
714.2.3.1	Minimum Fire Protection rating	Not needed
714.2.3.2	Smoke Draft Control door assemblies	Not needed
903.2.8.1	Area Separation Walls in R-2	Ok – old language with “area separation”
903.2.9.1	R-4 sprinkler requirements	Ok – fire code language is the same
903.3.1	Domestic and alternative water supplies	Ok – fire code language is the same
903.3.1.4	Buildings of Undetermined Use	Ok- fire code language is the same
903.3.1.5	Sprinkler Design Criteria	Ok – new fire code amendment
903.4.4	Valve Security	Ok – fire code language is the same
905.2.1	Modification to standards	This has been re-written for the 2003 fire code
905.3.3.1	Group A standpipes	Ok – fire code language is the same
905.3.4	Covered mall buildings standpipes	Ok – fire code language is the same

905.3.7	Detention and correctional facilities standpipes	OK – 2003 fire code language is the same
907.2	Alarms and detection -	OK – 2003 fire code is the same
910.1.1	Required smoke and heat venting methods	Addressed in text of 2003 fire code
912.1	Post fire exhaust systems	No – already addressed in fire code section 909
1404.2	Water resistive barrier	Not necessary – addressed under alternative materials.
1405.3.2	Masonry and flashing	Not necessary – obvious
1502.1	ROOF COVERING definition	No – do not understand the need for it
1503	Weather Protection	OK – climate related
1507.2.9.2	Valleys	OK – but needs re-write, #2 no longer tracks.

International Building Code Development Committee

Means of egress sub-committee
2003 State amendments to the
2000 IBC Chapters 10-11

2000 IBC Section	State Amendment Subject	Sub-committee comments
1002.1	Definitions Aisle, Corridor, Room	This amendment would not pass on a national level it has been debated at length. Did not take it forward.
1003.2.12 Excpt. #8	Guards	State Bleacher Act. Did not take forward
1003.2.12. 1 Excpt #2	Residential guard rails	This amendment was debate at length and would not pass at a national level. Did not take forward
1003.2.13	Accesibilty	Chapter 1341
1003.3.1.3 .6	Special egress control devices	Took forward for code change. Amendment was defeated needs to be refined.
1003.3.1.8 .2	Delay Egress Locking Devices	Brought forward to national level by others lost due to allowing them in A or E occupancies.

1003.3.3.3 1003.3.3.3 .2 1003.3.3.7 1003.3.3.8 1003.3.11. 5	8 inch rise 9 inch run profile Circular Stair Winder Stair Handrail extention	Lost at national level. State had five state agreement will not amend 2003 code
1003.3.3.5 .2 1003.3.4.6 .2	Outdoor conditions	Took to national level successfully will be change in the 2006 addition of IBC State will maintain amendment until adoption of 2006
1003.3.12. 2	Press Boxes on Roof	No support in committee to take national. State will maintain amendment.
1004	Exit Access Doors Exception #3	Took national lost due to lack of good supporting data. State will continue amendment.
1004.2.3.3	Required smoke detection in Shop with interior rooms	Committee took national lost due to being poorly written and little supporting data. State will maintain amendment
1004.3.1.1	Public Areas in B & M occupancies	Retailers took national lost little support. Item was tabled at 1305 committee.
1008.5.4	Bleacher Safety Act	1305 committee tabled
1008.7.5	Assembly seating Exception #5	Bleacher Safety State to maintain amendment
1008.12	Assembly Gaurds	Bleacher Safety ; State to maintain amendment
1009.1	Emergency Excape and Rescue	No support to take national 1305 tabled
changes to chapter 11	To numerous to list	Committee supported Curt Wiehle on all changes State will maintain chapter 1341

International Building Code Development Committee

Structural sub-committee
2003 State amendments to the
2000 IBC Chapters 16-25; Appendix G, I

2000 IBC Section	State Amendment Subject	Sub-committee comments
1604.5	Importance factor for snow and wind shall equal 1.0	Suggest eliminating this amendment and not support a national amendment. – Gene Abbott
Table 1604.5	Deleted table used to derive Importance factor	Suggest eliminating this amendment and not support a national amendment. – Gene Abbott
1607.11.1	Deleted distribution of roof loads	Suggest eliminating this amendment and not support a national amendment. Why is Minnesota different from requirements in ASCE 7? – Gene Abbott
1607.12.2	Crane loads: vertical impact loads changed	Do not know where this change originated from and why it would need to be changed for Minnesota? – Gene Abbott
1607.12.3	Crane loads: lateral force changed	Do not know where this change originated from and why it would need to be changed for Minnesota? – Gene Abbott
1608.2	Ground snow loads reference Chapter 1303 of State Code and deletes figure 1608.2	Suggest eliminating the amendment and go with ground snow loads in 2003 IBC. We now use 50 and 60. The 2003 IBC uses 40,50,60 and 70 for the State. – Gene Abbott
1608.5	Deleted partial loading section	Suggest eliminating this amendment and not support a national amendment. Why is Minnesota different from requirements in ASCE 7? – Gene Abbott

1702.1	Approved agency added that the Structural Engineer of record may conduct tests or furnish inspection services for types of work for which the engineer is qualified.	Suggest a national code change to add this language – Gene Abbott
1704.4	Exception 4 modified by deleting reference to table 1805.5(1) – foundation walls non reinforced using plain masonry and concrete	Suggest eliminating State amendment and going with code requirements that are now in the 2003 IBC for non-reinforced masonry walls table 1805.5(1). – Gene Abbott
Table 1704.4	Changed item 6. Inspection of concrete and shotcrete placement for proper application techniques may be periodic not continuous if acceptable to the Structural Engineer of Record and Building Official	Suggest a national code change to add this language – Gene Abbott
1704.5	Exception 2 modified by deleting reference to table 1805.5(1) – foundation walls non reinforced using plain masonry and concrete	Suggest eliminating State amendment and going with code requirements that are now in the 2003 IBC for non-reinforced masonry walls table 1805.5(1). – Gene Abbott
Table 1704.5.1	Changed item 4. Grout placement shall be verified to ensure proper compliance with code and construction document provisions may be periodic not continuous if acceptable to the Structural Engineer of Record and Building Official	Suggest a national code change to add this language – Gene Abbott
1805.5	Deletes reference to table 1805.5(1) – foundation walls non-reinforced using plain masonry and concrete. Adds statement if walls are parallel to floor framing, solid blocking or bracing shall be installed at anchor bolt locations in first two joist or truss spaces.	Suggest eliminating State amendment and going with code requirements that are now in the 2003 IBC for non-reinforced masonry walls table 1805.5(1). Suggest that we go for a national amendment adding the blocking requirement– Gene Abbott
1805.5.1.2	Deletes reference to table 1805.5(1) – foundation walls non-reinforced using plain masonry and concrete.	Suggest eliminating State amendment and going with code requirements that are now in the 2003 IBC for non-reinforced masonry walls table 1805.5(1). – Gene Abbott

Table 1805.5(1)	Deleted	Suggest eliminating State amendment and going with code requirements that are now in the 2003 IBC for non-reinforced masonry walls table 1805.5(1). – Gene Abbott
1806.4.3	Drainage discharge: changes reference to approved drainage system that complies with IPC to a trapped area drain, sump, well or approved location above grade.	Suggest eliminating this amendment and not support a national amendment. – Gene Abbott
1907.7.5	Corrosive environments: adds that in parking garages minimum cover of 1 ½ inches on top and ¾ inch on bottom. All bonded reinforcement steel located within the depth of slab must be epoxy coated in conformance with ACI 318-99 sections 3.5.3.7 and 3.5.3.8	Suggest a national code change to add this language – Gene Abbott
2109.4.1	Changes wall lateral support height to thickness for non-bearing walls on the interior from 36 to 28	Suggest eliminating this amendment and not support a national amendment. – Gene Abbott
2304.12	Changes exception 3 by adding a height limit of 12 feet – 6 inches for veneer on wood flooring.	Suggest a national code change to add this language – Gene Abbott

Update to 2003 MNSBC International Building Code

Code Section	Section Title	Recommendation
1305.0011	Code Adoption	
1305.0021	ICC Reference	
1305.003	Application of Code	
1305.004	Violation	
1305.0101	Chapter 1	
1305.0201	IBC 201.4 Definition	
1305.0302	IBC 302 Classification	
1305.031	IBC 310 Smoke Detectors	
1305.0402	IBC 402 Covered Mall Bldgs	No, legal agreements aren't needed in the code.
1305.0403	IBC 403 High-Rise Bldgs	State Fire Marshall's Div. amendment
1305.0404	IBC 404 Atriums	State Fire Marshall's Div. amendment
1305.0406	IBC 406 Motor Vehicle-Related Occ.	Accessibility code
1305.0407	IBC 407 Group I-2	Wordsmithing, No need to change.
1305.0408	IBC 408 Group I-3	BCSD Amendment
1305.0414	IBC 414 Hazardous Mat'ls	BCSD Amendment
1305.0419	IBC 419 Group E Occ.	BCSD Amendment
1305.05	IBC 501 General Scoping	No opinion.
1305.0507	IBC 507 Unlimited Area Bldgs	No, legal agreements aren't needed in the code.
1305.0704	IBC 704 Exterior Walls	No.

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1305.0707	IBC 707 Shaft Enclosures	These changes need to be done at the Nat'l level
1305.0714	IBC 714 Opening Proctectives	These changes need to be done at the Nat'l level
1305.0903	IBC 903 Auto. Sprinkler Systems	State Fire Marshall's Div.
1305.0905	IBC 905 Standpipe Systems	State Fire Marshall's Div.
1305.0907	IBC 907 Fire Alarm & Detection Sys.	State Fire Marshall's Div.
1305.091	IBC 910 Smoke & Heat Vents	State Fire Marshall's Div.

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1305.0912	IBC 912 Post Fire Exhaust Sys	State Fire Marshall's Div.
1305.1002	IBC 1002 Definitions	No.
1305.1003	IBC 1003 Means of Egress	1-State Statute;2-Consistent w/IRC;3-Accessibility code;4&5-National?;6-No;7-National?;8-OK;9-OK National?; 10-See Subp 9 National?;11-National?;12-No;13-National?;14-No,IBC sentence is irrelevant
1305.1004	IBC 1004 Exit Access	State Fire Marshall's Div.
1305.1008	IBC 1008 Assembly	BCSD Amendmen
1305.1009	IBC 1009 Emergency Escape & Rescue	No opinion. Storage area <80" needs egress.
1305.1101	IBC Chap 11 Accessibility	Working toward this.
1305.1202	IBC 1202 Ventilation	No.
1305.1203	IBC 1203 Temperature Control	No.
1305.1204	IBC 1204 Lighting	No.
1305.1207	IBC 1207 Int. Space Dimensions	Seems to minor to amend.
1305.1209	IBC 1209 Surrounding Mat'ls	Too minor to amend.
1305.1404	IBC1404 Materials	A minimum was set, no need to go farther.
1305.1405	IBC 1405 Install. Of Wall Coverings	No.
1305.1502	IBC 1502 Definitions	What is a roofing system, definition? No.

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1305.1503	IBC 1503 Weather Protection	A sloped flat area?
1305.1505	IBC Table 1505.1 Min. Roof Covering Class. For Types of Construction	Ok. In 2003.
1305.1507	IBC 1507 Req'ts for Roof Coverings	Ok. In 2003.
1305.1509	IBC 1509 Rooftop Structures	Sentence deleted in current IPC
1305.151	IBC 1510 Reroofing	Does the rock need to be graded? No reason for this.
1305.1604	IBC 1604 Gen. Design Req'ts	
1305.1607	IBC 1607 Live Loads	
1305.1608	IBC 1608 Snow Loads	
1305.1701	See Rule	

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1305.1702	IBC 1702 Definitions	Agree with this definition.
1305.1704	IBC 1704 Special Inspections	Structural committee?
1305.1805	IBC 1805 Footing & Foundations	Structural committee?
1305.1806	IBC 1806 Dampproofing & Waterproofing	IPC
1305.1907	IBC 1907 Details of Reinforcement	Ok, due to road salt??? MN unique.
1305.2109	IBC 2109 Empirical design of Masonry	Structural committee?
1305.2304	IBC 2304 Gen. Construction Req'ts	Why 12' 8"? No.
1305.2702	IBC 2702 Emer. & Standby Power Systems	Electrical
1305.2902	IBC 2902 Min. Plumbing Facilities	State Statute?
1305.303	IBC 3030 Elevators and Conveying Systems	No opinion.
1305.3109	IBC 3109 Swimming Pool Enclosures	Ok
1305.3302	IBC 3302 Construction Safeguards	Mandate common sense, No.
1305.3305	IBC 3305 Sanitary	No opinion.
1305.3401	IBC Chapter 34 Existing Structures	No opinion.
1305.35	IBC Chapter 35 Referenced Standards	No opinion.