

New Changes in the 2024 International Code TAG Review Worksheet

Model Code: 2024 IBC

Minnesota Rule 1305 and Minnesota Rule 7511 - Compatability										To be completed by TAG members				
Item No.	Minnesota Building Code Section	Minnesota Fire Code Section	2024 IBC Code Section	2024 IFC Code Section	Subject	Current MN Amend	Description of Change	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus	Stake-holder Consensus	Comments
						Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N		
CHAPTER 2 DEFINITIONS														
1	201.4	201.4	201.4	201.4	Terms not defined	Y	MBC amendment adds reference to the use of Merriam-Webster dictionary. 2024 IFC currently contains reference to Merriam Webster. New MN CCP for 1300 and 1305 to add reference to terms defined in other codes.	N	N	Recommend to work with 1300 to be constiant with code change proposal	AM			work with 1300 to be consistant modify as necessary to be consistant with code proposal change to 1300.
2	202	202	202	202	Townhouse / townhouse unit	Y	MBC has delected these definitions							
2020 MBC AMENDED DEFINITIONS														
3	202				Agricultural building	Y	MBC amendment for this definition, does not match MFC definiton. "Agricultural building" means a building that meets the requirements of Minnesota Statutes, Section 326B.103, subdivision 3.	N	N	Consider amending the MFC to match the MBC.	AM			
		202	202	202	Agricultural building		MFC and IBC/IFC [BG] AGRICULTURAL BUILDING. A structure designed and constructed to house farm implements, hay, grain, poultry, livestock or other horticultural products. This structure shall not be a place of human habitation or a place of employment where agricultural products are processed, treated or packaged, nor shall it be a place used by the public.							
4	202	202	202	202	Aisle	Y	MN amended definition. MBC matches MFC.	N	N	Retain amendments keeping matching definitions	A			
5	202				Alternating tread device	Y	MBC amendment for this definition, does not match MFC definiton. "Alternating tread device" means a device standing between 50 and 70 degrees (0.87 and 1.22 rad) from horizontal, that has a series of steps usually attached to a center support in an alternating manner so that the user does not have both feet on the same level at the same time. A ships ladder in compliance with Minnesota Rules, part 1346.0306, subpart 1, shall be considered equivalent to an alternating tread device.	N	N	Current MFC does not match current MBC. The 1346/IMC TAG group will be discussing changes to current 1346 MN amendment of section 306.5 for mechanical access on roofs. Placeholder for the definition of Alternating tread device for possible rewording of the definition based on the IMC TAG outcome.	AM			1305 TAG notes: Placeholder for the definition of Alternating tread device for possible rewording of the definition based on the IMC TAG outcome.
		202	202	202	Alternating tread device		MFC and IBC/IFC [BE] ALTERNATING TREAD DEVICE. A device that has a series of steps between 50 and 70 degrees (0.87 and 1.22 rad) from horizontal, usually attached to a center support rail in an alternating manner so that the user does not have both feet on the same level at the same time.							
6	202	202	202	202	Ambulatory care facility	Y	MN amended definition. MBC matches MFC.	N	N	Retain amendments keeping matching definitions	A			
7	202	202	202	202	Approved	Y	MN amended definition. MBC matches MFC.	N	N	Retain amendments keeping matching definitions	A			
8	202	202	202	202	Corridor	Y	MN amended definition. MBC matches MFC.	N	N	Retain amendments keeping matching definitions	A			
9	202	202	202	202	Guest Room	Y	MN amended definition. MBC matches MFC.	N	N	Retain amendments keeping matching definitions	A			

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						Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N		
10	202				Historic Building	Y	MBC amended definition to reference MN R 1300.0070 subp. 12. MFC does not amend definition and maintains the IFC definition. [A] HISTORIC BUILDING. "Historic building" has the meaning given for "historical building" in Minnesota Rules, part 1300.0070, subpart 12a.	N	N	Consider amending the MFC to match the MBC.	AM			
		202	202	202	Historic Building		MFC and IBC/IFC [A] HISTORIC BUILDINGS. Any building or structure that is one or more of the following: 1. Listed, or certified as eligible for listing by the state historic preservation officer or the Keeper of the National Register of Historic Places, in the National Register of Historic Places. 2. Designated as historic under an applicable state or local law. 3. Certified as a contributing resource within a national register, state designated or locally designated historic district.							
11	202	202	202	202	Outpatient clinic	Y	MN amended definition. MBC matches MFC.	N	N	Retain amendments keeping matching definitions	A			
12	202	202	202	202	Standpipe system	Y	MN amended definition. MBC matches MFC.	N	N	Retain amendments keeping matching definitions	A			
2020 MBC ADDED DEFINITIONS														
13	202	202			Adult day care center or Adult services center	Y	MN added definition. MBC matches MFC.	N	N	Retain amendments keeping matching definitions	A			
14	202	202			General evacuation signal	Y	MN added definition. MBC matches MFC.	N	N	Retain amendments keeping matching definitions	A			
15	202	202			Room	Y	MN added definition. MBC matches MFC.	N	N	Retain amendments keeping matching definitions	A			
16	202	202			Small hose connection	Y	MN added definition. MBC matches MFC.	N	N	Retain amendments keeping matching definitions	A			
2020 MFC ADDED DEFINITIONS														
17	202	202			Multiple specific licenced facilities		Adult day care center or adult day services center, Ambulatory care facility, Family adult day services, Family day care home, Group day care home , Outpatient clinic, Residential hospice facility, Supervised living facility (definitions in BOLD are only located in the MFC)	N	N	Definitions that are located in either both the MBC and MFC or those just in the MFC. Coordinate to include in the MBC for appliaction of Table 302.2.	AM			
18		202			Care Facility	Y	MFC definition not included in MBC. <i>CARE FACILITY. Occupancies used as care facilities shall be classified into the occupancy group category identified in Table 202.1.</i>	N	N	Review for constiancy with Care Facility, and upcoming MBC code change proposal. Bring defintion to 1305 TAG to add definition.	AM			
2021 IBC REVISED / DELETED / ADDED DEFINITIONS														
19			202	202	Atrium	Y	2021 IBC updated this definition, 2021 IFC did not update the definition. 2024 IFC still maintains previous definition.	N	N	1305 TAG discussed the new definition and accepted the change. Recommend coordinating with 1305 TAG for consistency.	AM			

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20			202	202	Revised in 2021 IBC	N	Capacitor energy storage system, Ceiling radiation damper, Change of occupancy, Combustible liquid, Dangerous, Dead load, Dimensions, Emergency escape and rescue opening, Exterior wall envelope, F rating, Flammable liquid, Foundation pier, Grade floor emergency escape and rescue opening, gypsum board, Gypsum panel product, Live load roof, Other structures, Penthouse, Plastic glazing, Porcelain tile, Positive roof drainage, Primary structural frame, Secondary structural members, Shear wall, Smoke compartment, Soft contained play equipment structure, Special amusement area, Steep slope, Storage racks steel, Strength, Treated wood, Vapor permeable, Wall, Wall load bearing, Windborne debris region	N	N	Definitions that are included in the IFC match the IBC definitions. If they are not currently included as part of the IFC, they can be referenced as needed by 201.4.	A			
21			202	202	Deleted in 2021 IBC	N	Cable-Restrained Air supported structure, Design displacement, Plastic approved, Special structural wall,	N	N	Matches as applicable	A			
22			202	202	New in 2021 IBC	N	Dwelling unit efficiency, Electric vehicle charging station, Emittance, Energy stroage system electromchemical, Fire protective curtain assembly, Fire-retardant-treated wood, Glass mat gypsum panel, Gypsum sheathing, Gypsum wallboard, Impact protective system, Individual truss member, Insulating sheathing, Intermodal shipping container, Life safety systems, Mass timber, Mechanical access enclosed parking garage, Nailable substrate, Noncombustible protection of mass timber, Perimeter fire containment system, Permanent individual truss member diagonal bracing, Permanent individual tuss memeber restraint, Play structure, Preservative treated wood, Puzzel room, Special event structure, Spray applied foam plastic, Storage racks steel cantilevered, Terminated stops, Underpinning, Vapor diffusion port,	N	N	Definitions that are included in the IFC match the IBC definitions. If they are not currently included as part of the IFC, they can be referenced as needed by 201.4.	A			
2024 IBC REVISED / DELETED / ADDED DEFINITIONS														
23			202	202	Carbon monoxide source	N	2024 IBC new defintion. <i>CARBON MONOXIDE SOURCE. A piece of commonly used equipment or permanently installed appliance, fireplace or process that produces or emits carbon monoxide gas.</i>			1305 TAG is discussing a possible code change proposal to this definition. Coordinate with 1305 TAG.	AM			
24	202	202	202	202	High rise building	N	2024 IBC updated definition to include occupied roof. 2024 IFC does not include updated definition.			Coordinate to match definitions.	AM			
25	202	202	202	202	Penthouse	N	2024 IBC updated definition tochange term occupied to occupiable roof. 2024 IFC does not include updated definition.			Coordinate to match definitions.	AM			

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26			202	202	Revised in 2024 IBC	N	Approved agency, Automatic sprinkler system, Continuous insulation, Custodial care, Dangerous, Decorative glazing, Detailed plain concrete structural wall, Exterior wall covering, exterior wall envelope, F rating, Fire protection rating, Flammable gas, Gypsum board, High rise building , Incapable of self preservation, Intumescent fire resistant coatings, Listed, Ordinalry precast concrete walls, Penthouse , Photovoltaic module, Photovoltaic panel, Photovoltaic system, Puzzle room, Site class, Special amusement area, Sprayed fire resistant materials, Steep slope, Storm shelter, T rating, Townhouse , Vegetative roof, Wind speed V	N	N	Definitions that are included in the IFC match the IBC definitions. If they are not currently included as part of the IFC, they can be referenced as needed by 201.4.	A				
27			202	202	Deleted in 2024 IBC	N	Mastic fire resistance coatings, Photovoltaic shingles, Risk targeted maximum considered earthquake ground motion response accelerations, Site coefficients, Susceptible bay,	N	N	Matches as applicable	A				
28			202	202	New in 2024 IBC	N	Automatic flushbolt, Basic wind SpeedV, BIPV roof covering, BIPV system, Carbon monoxide source , Cast in place concrete equivalent diaphragm, Computer room, Constant latching bolt, Continuity head of wall system, Cripple wall clear height, Data center, Dead bolt, Ground snow load, Hybrid fire extinguishing system, Information technology equipment, information technology equipment faciiliites, Insulated metal panel, Insulated vinyl siding, Landscaped roof, Limited verbal or physical assistance, Low slope, Manual bolt, Metal building system, Occupiable roof, Overhead doorstop, Peer review, Photovoltaic panel system ground, Photovoltaic support structuere elevated, Precast concrete diaphragm, Public occupancy temporary structure, rainscreen system, Raised deck system, Responsive vapor retartder, Service life, Smoke protective curtain assembly for hoistway, Sprinkler express riser, Temporary event, Temporary structure, Townhouse unit, Type X, Vertical water supply zone, Wind design geodatabase	N	N	Definitions that are included in the IFC match the IBC definitions. If they are not currently included as part of the IFC, they can be referenced as needed by 201.4.	AM				
CHAPTER 3 OCCUPANCY CLASSIFICATION AND USE															
29	302.1		302.1	203.1	Occupancy classification and use	N	2024 IFC moved occuapncy classifications out of the definitions and to a new section 203 for consistency with IBC.	N	N	IBC matches IFC. No material change	A				
30	302.1		302.1	203.1	Occupancy classification	N	2024 IBC changed 'occupied roofs' to 'occupiable roofs' and added italics to coordinate with the new definition	N	N	IBC matches IFC. No material change	A				

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31	302.2	202.1			Care Facility Classifications Table	Y	MBC added this table by amendment to clarify care facility designation by licensing use, occupants, and IBC occupancy designation for clarity and uniformity and alignment with MDH and DHS licensing.	N	N	Recommend to table full review this code section for a future meeting. Coordination with 2024 IBC use groups, licensing of MDH and DHS, new legislation for Assisted Living licenses and a code change proposal will be discussed at a future TAG meeting.	AM			
32			303.1.5	203.2.5	Special amusement areas - Group A		2021 IBC added section to point to compliance with section 411	N	N	IBC matches IFC. No material change	A			
33	304.1	202	304.1	203.3	Business Group B	N	2024 IBC changed 'electronic data processing' to 'electronic data entry', and added 'lithium -ion or lithium metal batteries testing, research and development' to the types of B occupancy groups	N	N	IBC matches IFC. No material change. updated use groups. multiple new references in 2024 IBC items referencing lithium-ion batteries	A			
34			304.2	203.3.1	Airport traffic control towers		2021 IBC added section to point to compliance with section 412.2	N	N	IBC matches IFC. No material change	A			
35			304.3	203.3.2	Ambulatory care facilities		2021 IBC added section to point to compliance with section 422	N	N	IBC matches IFC. No material change	A			
36			304.4	203.3.3	Higher education laboratories		2021 IBC added section to point to compliance with section 428. MN specific provisions of 414.2.6 to be included as compliance option.	N	N	IMC 1346 TAG to be discussing NPFA 45, they will coordinate with us for consistency. Need to coordinate compliance with current AM. 1305 TAG will add language to comply with either 414 or 428.	AM			
37			305.3	203.4.3	Storm shelters in Group E occupancies	N	2021 IBC added section to point to section 423.5 for when storm shelters are required. 2024 IFC has a different code section referenced 423.4.	N	N	IBC matches IFC. No material change. (need to ensure section reference is correct with the MN ammendments to section 423)	A			
38	306.2	202	306.2	203.5.1	Moderate hazard facotry industrial, Group F-1	N	2021 IBC added 'Energy storage system (ESS) in dedicated use buildings', 'Water/sewer treatment facilities' to the list of uses. 2024 added 'Energy storage systems (ESS) and equipment containing lithium-ion or lithium metal batteries', 'Lithium-ion batteries', 'Vehicles powered by lithium-ion or lithium metal batteries', and changed the alcohol content for Beverages to '20-percent' on the list of uses	N	N	1305 TAG notes: Norman why is Water/Sewer Treatment Plant to be an F-1. Norman to remove it to from the list. ICC justified this in 2021.				
39			306.2.1	206.5.1.1	Aircraft manufacturing facilities		2021 IBC added section to point to compliance with section 412.6	N	N	IBC matches IFC. No material change	A			
40	306.3	202	306.3	203.5.2	Low hazard factory industrial Group F-2	N	2024 IBC changed the alcohol content for Beverages to '20-percent'	N	N	IBC matches IFC. No material change	A			
41	307.1	202	307.1	203.6	High hazard Group H	N	2024 IBC changed storage on roofs from 'outdoor' storage to 'rooftop' storage	N	N	IBC matches IFC. No material change	A			
42	307.1(1)	202	307.1(1)	5003.1.1(1)	Table 307.1(1)	N	2024 IBC updated footnotes and table content for new flammable gas classifications. Directed compliance to specific code sections and IFC	N	N	IBC matches IFC. updated classifications	A			

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43	307.1(2)	202	307.1(2)	5003.1.1(2)	Table 307.1(2)	N	2024 IBC updated footnotes. Directed compliance to specific code sections	N	N	IBC matches IFC. updated classifications	A				
44	307.1.1	202	307.1.1	203.6.1	Occupancy Exemptions	N	2021 IBC added examples to item 12 for aerosols, added items 18 and 19 to address distilling and brewing and storage of beer, spirits and wines. 2024 IBC updated this whole section to incorporate items 1-19 into new Table 307.1.1	N	N	IBC matches IFC. updated classifications	A				
45	307.3	202	307.3	203.6.3	High hazard Group H-1	N	2021 IBC revised 'divisions'	N	N	IBC matches IFC. No material change	A				
46	307.3.1	202	307.3.1	203.6.3.1	Occupancies containing explosives not classified as H-1	N	2024 IBC added item 2. Division 1.4 explosive materials shall be allowed in group H-3 occupancies. Item 3 created by default.	N	N	IBC matches IFC. No material change	A				
47	307.4	202	307.4	203.6.4	High hazard Group H-2	N	2024 IBC updated flammable categories	N	N	IBC matches IFC. No material change	A				
48	307.5	202	307.5	203.6.5	High hazard Group H-5	N	2024 IBC updated flammable categories	N	N	IBC matches IFC. No material change	A				
49	308.2	202	308.2	203.7.1	Institutional Group I-1	Y	2020 MBC added the following use to the model code: Boarding care homes, Convalescent facilities, Houseing with services establishment and Supervised living facilities class A-2. 2021 IBC added language to direct compliance with section 420	N	N	Current MFC matches MBC. Houseing with services needs to be removed as it's no longer a licensed facility. Assisted living facilities to be clarified as Condition 2. (review to align with Table 302.2)	AM				1305 TAG notes: (review to align with Table 302.2) *noted during rereview, the model code includes language that directs compliance for the 2 conditions. Ensure this is picked up with the new amendment.
50	308.2.4	202	308.2.4	203.7.1.4	Five of fewer persons receiving custodial care I-1	Y	2020 MBC removed the model language allowing these facilities the option to comply with the IRC. This language was reorganized and moved to MR 1305.310.1	N	N	Current MFC matches MBC. Retain current amendment deleting the IRC language from this section.	A				
51	308.3	202	308.3	203.7.2	Institutional Group I-2	Y	2020 MBC amended the body language for clarity and added the following examples: Supervised living facilities class B-3	N	N	Current MFC matches MBC. Recommend adding the following: Assisted Living with Dementia Care as Condition 1 Rehabilitaion Facilities as Condition 1 to align with Accessibility Code. (review the occupancy examples to align with Table 302.2)	AM				
52	308.3.1	202	308.3.1	203.7.2.1	Occupancy conditions I-2	N	2021 IBC added language to direct compliance with section 407	N	N	IBC matches IFC. No material change	A				
53	308.3.2	202	308.3.2	203.7.2.2	Five of fewer persons receiving care I-2	Y	2020 MBC amended the title removing the word 'medical' and revoved the model language allowing these facilities to comply with the IRC. This language was reorganized and moved to MR 1305.310.1	N	N	Current MFC matches MBC. Retain current amendment deleting the IRC language from this section.	A				
54	308.4	202	308.4	203.7.3	Institutional Group I-3	N	2021 IBC added language to direct compliance with section 408	N	N	IBC matches IFC. No material change	A				

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55	308.5	202	308.5	203.7.4	Group I-4, day care and day services facilities	Y	2020 MBC changed the title and base language for clarity	N	N	Current MFC matches MBC. Retain amendment, no significant change. 1305 TAG notes: Rehn CCP to modify the AM to clear up the intent with classroom doors leading directly to the exterior. Bring back to TAG before moving forward.	AM			
56	308.5.1	202	308.5.1	203.7.4.1	Classification as Group E	Y	2020 MBC regrouped to include Adult services and renumbered sub-sections	N	N	Current MFC matches MBC. Retain current amendment. IBC does not differentiate between Adult and Child services.	A			
57	308.5.1.1				Adult day services centers serving only person capable of self preservation I-4	Y	2020 MBC added Adult services facilities	N	N	Current MFC matches MBC. Retain current amendment. IBC does not differentiate between Adult and Child services.	A			
58	308.5.1.2				Adult day services centers serving both persons capable and person not capable of self preservation I-4	Y	2020 MBC added Adult services facilities	N	N	Current MFC matches MBC. Retain current amendment. IBC does not differentiate between Adult and Child services.	A			
59	308.5.1.3	202	308.5.1	203.7.4.1	Child day care I-4	Y	2020 MBC renumbered and reorganized the model code for clarity	N	N	Current MFC matches MBC. Retain amendment.	A			
60	308.5.4	202	308.5.4	203.7.4.4	Five or fewer persons recieving care in a dwelling unit I-4	Y	2020 MBC amended language for clarity and to align with MRC requirements and capture sprinkler requirements	N	N	Current MFC matches MBC. Retain amendment	A			
61	309.1	202	309.1	203.8	Mercantile Group M	N	2021 IBC changed 'accessible to the public' to 'where the public has access'	N	N	IBC matches IFC. No material change	A			
62			309.3	203.8.2	Motor fuel dispensing facilities		2021 IBC added section to direct compliance with section 406.7	N	N	IBC matches IFC. No material change	A			
63	310.1	202	310.1	203.9	Residential Group R	Y	2020 MBC reworded body language for clarity and added the exception for R-3 and R-4 dwelling unit classifications to be constructed per the MRC per Table 302.2 and clarified the sprinkler requirements for such occupancies. 2021 IBC added language to direct compliance with section 420 when not construction in accordance with the IRC	N	N	Current MFC matches MBC. Retain amendment. Recommend keeping new lanuage from 2021 IBC directing complaince with 420.	A			1305 TAG notes: review as needed with updates to 302.2
64	310.2	202	310.2	203.9.1	Residential Group R-1	Y	2020 MBC added 'Lodging houses with six or more guest rooms or more than 10 occupants' to the list of uses. 2024 IBC clarified the body language by adding 'or more than two dwelling units' consistant with not being an R-3, and added 'lodging houses with more than 5 guestrooms' to the list of uses.	N	N	Current MFC matches MBC. Repeal amendment and follow new 2024 model code language which now includes lodging houses with the same limit of guestrooms. 1305 TAG notes: Tag agreed to repeal amendment	AM			

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65	310.3	202	310.3	203.9.2	Residential Group R-2	Y	2020 MBC deleted '(nontransient)' from Boarding houses, deleted 'live/work units'. 2024 IBC added 'emergency services living quarters', and clarified hotels and motels (nontransient) to those with 'more than 5 guest rooms'	N	N	Current MFC matches MBC. Retain amendment. 1305 TAG notes: Anderson emergency services living quarters. Perhaps define what ESL means. Living quarters for emergency services first responders.	A			
66	310.4	202	310.4	203.9.3	Residential Group R-3	Y	2020 MBC added 'Assisted living, Boarding care homes, Dwelling unites (two or fewer) in mixed occupancy buildings, Family adult foster homes, Foster care, Housing with serices establishment, Residential hospice with five or fewer occupants'. 2024 IBC added 'emergency services living quarters, and added hotels and motels (nontransient) with 5 or fewer guest rooms'.	N	N	Current MFC matches MBC. Review list of facilites with care table in 302.2 and consistency with MDH and DHS licensing. Add more classifications such as small supervised living facilities. Add five or fewer persons to assisted living. (review the occupancy examples to align with Table 302.2) 1305 TAG notes: (review the occupancy examples to align with Table 302.2) Anderson to review emergency living quarters and get back to the TAG .	AM			
67	310.4.1	202	310.4.1	203.9.3.1	Care facilities within a dwelling	Y	2020 MBC deleted this section. Deleted language was similar to MBC exception added in 310.1.	N	N	Current MFC matches MBC. Retain amendment to align with other similar code sections for five or fewer.	A			
68	310.4.2	202	310.4.2	203.9.3.2	Lodging houses	N	2021 IBC added language to sprinkler requirements. 2024 IBC reworded to clarify option of this code or IRC and compliance for sprinklers to section P2904 of the IRC. <i>310.4.2 Lodging houses. Owner -occupied lodging houses with five or fewer guest rooms and 10 or fewer total occupants shall be constructed in accordance with this code or the International Residential Code, provided that facilities constructed using the International Residential Code are protected by an automatic sprinkler system is installed in accordance with Section 903.3.1.3 or Section P2904 of the International Residential Code.</i>	N	N	Current MFC matches MBC. Amend to align with MN specific sprinkler requirements.1305 TAG notes: Britt and Ryan to review and propose CCP.	AM			

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Item No.	Minnesota Building Code Section	Minnesota Fire Code Section	2024 IBC Code Section	2024 IFC Code Section	Subject	Current MN Amend	Description of Change	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus	Stake-holder Consensus	Comments
						Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N		
69	310.5	202	310.5	203.9.4	Residentail Group R-4	Y	2020 MBC reorganized body language for occupancy conditions. 2020 MBC added 'Boarding care homes, Housing with services establishment (including those that provide assisted living services), Residentail hospice with 12 or fewer occupants'.	N	N	Current MFC matches MBC. Recommend to add update classifications to include: supervised living facilities and assisted living facilities with number of residents listed. (review the occupancy examples to align with Table 302.2) 1305 TAG notes: review as needed with updates to 302.2	AM			
70			311.1.2	203.10.2	Combustible storage		2021 IBC added section directs complaine with section 413	N	N	IFC matches IBC. no material change	A			
71	311.2	202	311.2	203.10.3	Moderate hazard storage Group S-1	N	2021 IBC added 'Beverages over 16-percent alcohol content'. 2024 IBC added 'aerosol items', changed to '20-alcohol content', added 'lithium-ion or lithium metal batteries' and 'vehicle repair garages for lithium powered vehicles'	N	N	IFC matches IBC. updated use groups	A			
72			311.2.1	203.10.3.1	Aircraft hangers		2021 IBC added section to direct compliance with 412.3	N	N	IFC matches IBC. updated use groups	A			
73			311.2.2	203.10.3.2	Motor vehicle repair garages		2021 IBC added section to direct compliance with 406.8	N	N	IFC matches IBC. no material change	A			
74	311.3	202	311.3	203.10.4	Low hazarde storage Group S-2	N	2021 IBC removed 'metal, glass or ceramic containers' from Beverages, changed 'parking' garages to 'public' parking garages. 2024 IBC changed to '20-percent' alcohol content	N	N	IFC matches IBC. updated use groups. Review for consistancy with 1305. 1305 TAG: Strike public garages or keep public garages not meeting the definition of.	AM			
75			311.3.1	203.10.4.1	Public parking garages		2021 IBC added section to direct complaine with sections in 406	N	N	1305 TAG accepted with change to 311.3	A			
76	312.1	202	312.1	203.11	General	N	2021 IBC changed the height of fences from 6 feet to 7 feet	N	N	IFC matches IBC. no significant impacts, covered in 1300.0120 Subp 4. A. (2)	A			
77			312.2	203.11.2	Private garages and carports		2021 IBC added section to direct compliance with section 406.3	N	N	1305 TAG accepted with change to 311.3	A			
78			312.3	203.11.3	Residential aircraft hangers		2021 IBC added section to direct compliance with section 412.4	N	N	IFC matches IBC. no material change	A			
CHAPTER 4 SPECIAL DETAILED REQUIREMENTS BASED ON OCCUPANCY AND USE														
403 HIGH RISE														

New Changes in the 2024 International Code TAG Review Worksheet

Model Code: 2024 IBC

Minnesota Rule 1305 and Minnesota Rule 7511 - Compatability											To be completed by TAG members				
Item No.	Minnesota Building Code Section	Minnesota Fire Code Section	2024 IBC Code Section	2024 IFC Code Section	Subject	Current MN Amend	Description of Change	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus	Stake-holder Consensus	Comments	
						Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
79	403.2.1.2		403.2.1.2		Shaft Enclosures	Y	2020 MBC deleted this section by amendment	N	N	1305TAG rec repealing the AM to permit this shaft section. Amanda to look for the why behind the deletion. Not a MN Specific condition thus should not be removed. 05/02/2024 more discussion on this with the original SONAR needs to be herd at the 1305 and 7511 TAG as well as the State Fire Marshal Association TAG meeting via Forrest. Needs additional support prior to repealing AM.					
80	403.3.1		403.3.1, 403.3.1.1, 403.3.1.2		Number of sprinkler risers and systems design	N	2024 IBC added two sections to clarify, sections separated and based on the height of the building and to include language for standpipes	N	N	no material change, sections added and intent rearranged.	A				
81	403.3.1.1		403.3.1.3		Riser location	N	2024 IBC renumbered and added standpipe language	N	N	no material change	A				
82	403.3.2		403.3.2		Water sypply to required fire pumps	N	2021 IBC added type IV-A and IV-B construction types over 120 feet	N	N	added for new types of construction	A				
83	403.3.3		403.3.3		Secondary water supply	N	2021 IBC added NFPA 13 compinace, 2024 IBC changed NFPA 13 to 903.3.1.1	N	N	no material change	A				
84	403.4.5		403.4.5		Emergency comunication coverage	N	2021 IBC updated language to communication from outdated term radio	N	N	no material change	A				
85	403.4.7		403.4.7		Smoke removal	N	2024 IBC added the term 'dwelling unit' in group R-1	N	N	clarification to not exclude dwelling units	A				
86	403.4.8.2		403.4.8.2		Fuel line piping protection	N	2021 IBC added testing requirements for a pipe protection system as an option for compliance verses just an approved method. Added items to include testing requirements, assembly directives, and other approved methods.	N	N	content added for clarification and enforcement of what is an approved method	A				
87	403.4.8.3		403.4.8.3		Standby Power Loads	Y	2018 IBC seems to contain an incomplete criteria in Item 2. 2020 MBC amended to add fire command center to item 1 and revised elevator requirements. [F] 403.4.8.3 Standby power loads. The following are classified as standby power loads: 1. Power and lighting for the fire command center required by Section 403.4.6. 2. Ventilation and automatic fire detection equipment for smokeproof enclosures. 3. Passenger elevators serving occupied floors more than 75 feet (22 860 mm) above the lowest level of fire department vehicle access.	N	N	1305 TAG: Remove item 1 in stand by power as this is required in 403.4.8.4 as emergency power loads. Repeal as needed to allign with 2024.	AM				

New Changes in the 2024 International Code TAG Review Worksheet

Model Code: 2024 IBC

Minnesota Rule 1305 and Minnesota Rule 7511 - Compatability										To be completed by TAG members					
Item No.	Minnesota Building Code Section	Minnesota Fire Code Section	2024 IBC Code Section	2024 IFC Code Section	Subject	Current MN Amend	Description of Change	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus	Stake-holder Consensus	Comments	
						Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
88	403.5.3		403.5.3		Stairway door operation	N	2024 IBC breaks out and clarifies the conditions allowed for locking stairway doors, adding 3 conditions: [BE] 403.5.3 Stairway door operation. Stairway doors other than the exit discharge doors shall be permitted to be locked from the stairway side. Stairway doors that are locked from the stairway side shall be capable of being unlocked without unlatching upon a signal from the fire command center where any of the following conditions occur: 1. Individually or simultaneously upon a signal from the fire command center. 2. Simultaneously upon activation of a fire alarm signal in an area served by the stairway . 3. Upon failure of the power supply to the lock or the locking system.	N	N	Review and discuss the added conditions	A				
404 ATRIUMS															
89	404.5		404.5		Smoke control, exceptions	N	2021 IBC added a 2nd exception where only the two lowest levels are open to the atrium a smoke control system is not required. 2. A smoke control system is not required for atriums connecting more than two stories when all of the following are met: 2.1. Only the two lowest stories shall be permitted to be open to the atrium . 2.2. All stories above the lowest two stories shall be separated from the atrium in accordance with the provisions for a shaft in Section 713.4.	N	N	Updates to when a smoke control system is required.	A				

New Changes in the 2024 International Code TAG Review Worksheet

Model Code: 2024 IBC

Minnesota Rule 1305 and Minnesota Rule 7511 - Compatability											To be completed by TAG members				
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						Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
90	404.6		404.6		Enclosure of atriums, exceptions	N	2021 IBC added 2 exceptions to clarify openings associated with escalators and exit access stairways. 5. A horizontal assembly is not required between the atrium and openings for escalators complying with Section 712.1.3. 6. A horizontal assembly is not required between the atrium and openings for exit access stairways and ramps complying with Item 4 of Section 1019.3. 2024 IBC amended item 4 to clarify other than in groups I-2 and group I-1, added item 5 for condtions allowed in groups I-2 and I-1. Renumbered exceptions. 4. In other than Group I-2 and Group I-1, Condition 2, a fire barrier is not required between the atrium and the adjoining spaces where the atrium is not required to be provided with a smoke control system. 5. In Group I-2 and Group I-1, Condition 2, a fire barrier is not required between the atrium and the adjoining spaces, other than care recipient sleeping or treatment rooms, for up to three stories of the atrium provided that such spaces are accounted for in the design of the smoke control system and do not provide access to care recipient sleeping or treatment rooms.	N	N	Updates for Groups I-1 and I-2 and horizontal assembly requirements.	A				
91			404.10		Exit stairways in an atrium	N	2021 IBC added 5 conditions to allow an interior exit stair in an atrium. 2024 IBC added a 6th conditions for compliance with 1028.1 [BE] 404.10 Exit stairways in an atrium. Where an atrium contains an interior exit stairway all the following shall be met: 1. The entry to the exit stairway is the edge of the closest riser of the exit stairway. 2. The entry of the exit stairway shall have access from a minimum of two directions. 3. The distance between the entry to an exit stairway in an atrium and the entrance to a minimum of one exit stairway enclosed in accordance with Section 1023.2 shall comply with the separation required by Section 1007.1.1. 4. Exit access travel distance shall be measured to the closest riser of the exit stairway. 5. Not more than 50 percent of the exit stairways shall be located in the same atrium . 6. The discharge from the exit stairway at the level of exit discharge shall comply with Section 1028.1.	N	N	Review and discuss the added conditions	A				
407 GROUP I-2															

New Changes in the 2024 International Code TAG Review Worksheet

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						Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N		
92	407.2.1		407.2.1		IBC Waiting and Similar Areas / MBC Spaces open to the corridor	Y	2020 MBC amendment changes the category and base language. Criteria items are generally the same. Amendment changes the requirement for fire detection to smoke detection.	N	N	Retain amendment. 2020 TAG concenss was to keep the existing amendment, as it matches MDH	A			
93	407.2.6		407.2.6		Nursing home cooking facilities	N	2021 IBC removed criterias 4, 7-11 from this section, added new direction to section created for domestic appliances	N	N	no material change, sections and content rearranged	A			coordinate with 1346
94			407.2.7		Domestic cooking appliances	N	2021 IBC added this section to specifically address domestic cooking appliances in nursing homes, items taken from previous code requirements	N	N	no material change, sections and content rearranged	A			coordinate with 1346
95			407.3.1.1		Door construction	N	2021 IBC added new section with specific requirements and allowances for corridor doors. <i>407.3.1.1 Door construction. Doors in corridors not required to have a fire protection rating shall comply with the following:</i> 1. Solid doors shall have close-fitting operational tolerances, head and jamb stops. 2. Dutch-style doors shall have an astragal, rabbet or bevel at the meeting edges of the upper and lower door sections. Both the upper and lower door sections shall have latching hardware. Dutch-style doors shall have hardware that connects the upper and lower sections to function as a single leaf. 3. To provide makeup air for exhaust systems in accordance with Section 1020.7, Exception 1, doors are permitted to have louvers or to have a clearance between the bottom of the door and the floor surface that is 2/3 inch (19.1 mm) maximum.	N	N	1305 TAG: agreed to stay with model code.	A			coordinate with 1346...NFPA 101 conflict Section 18.3.6.3.1.
96	407.4.4.1		407.4.4.1		Exit access throught care suites	N	2021 IBC deleted the allowance for a second exit access to pass throught an adjacent care suite.	N	N	Allowance for exiting throught a care suite is rearranged into changes to other sections. 407.4.4.3. See following sections	A			

New Changes in the 2024 International Code TAG Review Worksheet

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						Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
97	407.4.4.3		407.4.4.3		Access to corridor	N	2021 IBC added required exit from care suite to be to corridor or horizontal exit. Removed the limitation of 3 doors. Also requires second exit to be to a corridor or exit or adjacent suite. And removed additional exiting distance when smoke detetion is provided. <i>407.4.4.3 Access to corridor. Every care suite shall have a door leading directly to an exit access corridor or horizontal exit. Movement from habitable rooms within a care suite shall not require passage through more than three doors and 100 feet (30 480 mm) distance of travel within the of travel within the care suite to a door leading to the exit access corridor or horizontal exit. Where a care suite is required to have more than one exit access door by Section 407.4.4.5.2 or 407.4.4.6.2, the additional door shall lead directly to an exit access corridor, exit or an adjacent suite. Exception: The distance of travel shall be permitted to be increased to 125 feet (38 100 mm) where an automatic smoke detection system is provided throughout the care suite and installed in accordance with NFPA 72.</i>	N	N	Recommend to repeal associated amendments and follow new model code language. Review this section for alignment with current MN ammendments 407.4.4.5.2.1, 407.4.4.5.2.2, 407.4.4.6.2.1 to address exits directly to corriodrs.	A				
98	407.4.4.5.1		407.4.4.6.1		Area	Y	2020 MBC amendment reorganized for clarity and added item 2 for consistency with visual supervision required by MDH and NFPA 101. 2024 IBC renumbered the section 2. <i>The arrangement of sleeping rooms within the care suite allows for continuous visual supervision by care providers. Glass walls and cubical curtains shall be permitted for visual supervision.</i>	N	N	Retain amendment. Coordinatate with IFC.	A				
99	407.4.4.5.2		407.4.4.6.2		Exit access	Y	2020 MBC amened section to provide two subsections. 2024 IBC renumbered. <i>407.4.4.5.2.1 Two means of egress. For suites requiring two means of egress, one means of egress from the suite shall be directly into a corridor or exit. 407.4.4.5.2.2 Travel distance. Travel distance within a sleeping suite to an exit access door shall not exceed 100 feet (30 480 mm). Travel distance within a sleeping suite to an exit shall not exceed 200 feet (60 960 mm).</i>	N	N	REPEAL				Repeal any amendment associated with 407 (items 105-112) to make the necessary enhancements in accordance with 21-24 IBC. Designers will need to review the difference between IBC and NFPA101 and the most restrictive will apply.	
100	407.4.4.5.2.1				Two means of egress	Y	2020 MBC added section to require one exit directly to a corridor. <i>See code language in item 105</i>	N	N	REPEAL				Repeal any amendment associated with 407 (items 105-112) to make the necessary enhancements in accordance with 21-24 IBC. Designers will need to review the difference between IBC and NFPA101 and the most restrictive will apply.	

New Changes in the 2024 International Code TAG Review Worksheet

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Minnesota Rule 1305 and Minnesota Rule 7511 - Compatability											To be completed by TAG members			
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						Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N		
101	407.4.4.5.2.2				Travel distance	Y	2020 MBC added section to align with MDH and NFPA 101 compliance <i>See code language in item 105</i>	N	N	REPEAL				Repeal any amendment associated with 407 (items 105-112) to make the necessary enhancements in accordance with 21-24 IBC. Designers will need to review the difference between IBC and NFPA101 and the most restrictive will apply.
102	407.4.4.6.1		407.4.4.7.1		Area	Y	*Not noted as amendment* 2020 MN retained the suite size at 10,000 square feet (2015 IBC updated to 12,500 SF) <i>407.4.4.6.1 Area. Care suites of rooms, other than sleeping rooms, shall have an area not greater than 10,000 square feet (929 m2).</i>	N	N	REPEAL				Repeal any amendment associated with 407 (items 105-112) to make the necessary enhancements in accordance with 21-24 IBC. Designers will need to review the difference between IBC and NFPA101 and the most restrictive will apply.
103	407.4.4.6.1		407.4.4.7.1		Area, exception	Y	2020 MBC deleted the exception to allow suite size to increase to 15,000 SF with smoke detection system. To align with MDH and NFPA 101 compliance. Exception: Care suites not containing sleeping rooms shall be permitted to be not greater than 15,000 square feet (1394 m2) in area where an automatic smoke detection system is provided throughout the care suite in accordance with Section 907.	N	N	REPEAL				Repeal any amendment associated with 407 (items 105-112) to make the necessary enhancements in accordance with 21-24 IBC. Designers will need to review the difference between IBC and NFPA101 and the most restrictive will apply.
104	407.4.4.6.2		407.4.4.7.1		Exit access	Y	2020 MBC added sentence to require one exit directly to a corridor. <i>407.4.4.6.2 Exit access. Care suites, other than sleeping rooms, with an area of more than 2,500 square feet (232 m2) shall have not fewer than two exit access doors from the care suite located in accordance with Section 1007. At least one exit access shall be directly to a corridor or exit.</i>	N	N	REPEAL				Repeal any amendment associated with 407 (items 105-112) to make the necessary enhancements in accordance with 21-24 IBC. Designers will need to review the difference between IBC and NFPA101 and the most restrictive will apply.
105	407.4.4.6.2.1				Travel distance	Y	2020 MBC added section to align with MDH and NFPA 101 compliance <i>407.4.4.6.2.1 Travel distance. Travel distance within a non-sleeping suite to an exit access door shall not exceed 100 feet (30 480 mm). Travel distance shall not exceed 200 feet (60 960 mm) from any point in a non-sleeping suite to an exit.</i>	N	N	REPEAL				Repeal any amendment associated with 407 (items 105-112) to make the necessary enhancements in accordance with 21-24 IBC. Designers will need to review the difference between IBC and NFPA101 and the most restrictive will apply.
106	407.5.1		407.5.1		Smoke compartment size, exception 1 and 2	Y	2020 MBC deleted two exceptions for larger smoke compartment size allowances. Consistency with MDH and NFPA 101	N	N	REPEAL				

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Minnesota Rule 1305 and Minnesota Rule 7511 - Compatability											To be completed by TAG members				
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						Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
107			407.6.1		Activation of automatic closing doors	N	2021 IBC added this section with more specifics for the operations of the automatic closing of the doors. <i>407.6.1 Activation of automatic-closing doors. Automatic-closing doors on hold-open devices in accordance with Section 716.2.6.6 shall also close upon activation of a fire alarm system, an automatic sprinkler system, or both. The automatic release of the hold-open device on one door shall release all such doors within the same smoke compartment.</i>	N	N	Added language for activation requirements	A				
408 GROUP I-3															
108	408.7		408.7		Security glazing	Y	2020 MBC carried forward existing amendment which adds 2 hour fire barriers when used as a horizontal exit to the wall types applicable to this section. Item 1 is amended for glazing in door assemblies. Item 2 adds an exception permitting the use of wire glass. Item 5 is added to clarify the 25% limitation is not applicable. <i>408.7 Security glazing. In in Group I-3 occupancies, windows and doors in 1-hour fire barriers constructed in accordance with Section 707; 2-hour fire barriers constructed in accordance with Section 707 used for horizontal exits; fire partitions constructed in accordance with Section 708; and smoke barriers constructed in accordance with Section 709 shall be permitted to have security glazing installed provided that the following conditions are met. 1. Individual panels of glazing in door assemblies shall not exceed 1,296 square inches (0.84 m2). 2. The glazing shall be protected on both sides by an automatic sprinkler system. The sprinkler system shall be designed to, when actuated, wet completely the entire surface of any glazing affected by fire. Exception: Fire partitions or smoke barriers with 1/4-inch (6.4 mm) wire glass in a security glazing assembly. 3. The glazing shall be in a gasketed frame and installed in such a manner that the framing system will deflect without breaking (loading) the glass before the sprinkler system operates. 4. Obstructions such as curtain rods, drapery traverse rods, curtains, drapes, or similar materials shall not be installed between the automatic sprinklers and the glazing. 5. Security glazing in fire partitions, 1-hour fire barriers enclosing fire command centers, and smoke barriers, shall not be limited to 25 percent of the area of the common wall with any room.</i>	N	N	1305 TAG LABELED ITEM				Farris to review and get back to the TAG group for finding.	
411 SPECIAL AMUSEMENT AREAS															

New Changes in the 2024 International Code TAG Review Worksheet

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						Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N		
109	411		411		Special amusement areas	N	2021 IBC changed the name to remove 'buildings' and call these occupancies 'areas', this results in changes to each section. Also changes across section between fire and smoke alarms, and added a puzzle room section. 2024 IBC significantly organized section and updated detection and alarm sections, removed puzzle rooms that were added in 2021 IBC.			Entire section significantly updated in 2021 and again in 2024. No MN amendments in place. Recommend to keep changes as in 2024.	A			
413 COMBUSTIBLE STORAGE														
110	413.3				Fire protection of floors	Y	2020 MN amendment for requiring fire protection of floors in accordance with 420.12 . <i>413.3 Fire protection of floors. In addition to the requirements of this section, the fire protection of floors in Groups I-1, R-1, R-2, R-3, and R-4 occupancies shall comply with the requirements of Section 420.12.</i>	N	N	retain amendment. Verify section reference with new items in section 420.	A			
414 HAZARDOUS MATERIALS														
111	414.2.4		414.2.4		Fire resistance rating requirements	Y	2020 MBC amendment deleted model code language and exceptions allowing the floor assembly reduction to 1 hour.	N	N	1305 TAG TO REPEAL AND FOLLOW IBC	A			
112	414.2.6				Hazardous materials above the third floor in laboratories in Group B E and I-2 occupancies	Y	2020 MN specific section for Group B, E and I-2 laboratories.	N	N	Retain amendment	A			
420 GROUPS 1-1, R-1, R-2, R-3 AND R-4														
113	420.7		420.7		Group I-1 assisted living housing units	Y	2020 MBC charging language similar to IBC, 2021/24 IBC incorporates italics that are missing from 2020 MBC. 2020 MBC amended items 3,4 and 5 to change from 'automatic fire detection' to 'automatic smoke detection'.	N	N	Retain amendment. Keep changes to items 3,4 and 5. Add italics for definition references.	A			
114	420.8		420.8		Group I-1 cooking facilities	N	2021 IBC changes to add 'shall be permitted to be open to the corridor', eliminating section 420.8.1. Items 3, 5-9 are relocated to new section 420.9 addressing domestic cooking appliances.	N	N	Reorganization for new section	A			
115			420.9		Domestic cooking appliances	N	2021 IBC added new section replacing those removed from above section	N	N	No material change, new section	A			
116	420.10		420.11		Group R-2 congregate living, cooking facilities	Y	2020 MBC amended this section to address congregate living facilities and not only dormitories	N	N	Retain amendment Review for proper section number	A			
117	420.10.1		420.11.1		Cooking appliances	Y	2020 MBC limits section to installed appliances and not all appliances.	N	N	Retain amendment Review for proper section number	A			
118	420.11				Group R-3 and R-4 durability	Y	2020 MBC specific section for durability requirements that are otherwise located in the MRC.	N	N	Retain amendment Review for proper section number	A			
119	420.12				Fire protection of floors	Y	2020 MBC added to include floor protection requirements	N	N	Retain amendment Review for proper section number	A			
422 AMBULATORY CARE FACILITIES														
120			422.7		Domestic cooking - ambulatory care	N	2021 IBC adds new section similar to sections added in 420.9 and 407.2.7 for domestic cooking appliances	N	N	no material change, new section	A			
CHAPTER 5 GENERAL BUILDING HEIGHTS AND AREAS														

New Changes in the 2024 International Code TAG Review Worksheet

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Minnesota Rule 1305 and Minnesota Rule 7511 - Compatability											To be completed by TAG members			
Item No.	Minnesota Building Code Section	Minnesota Fire Code Section	2024 IBC Code Section	2024 IFC Code Section	Subject	Current MN Amend	Description of Change	Safety & Health Value	Cost Impact	Recommendation A - Accept R - Reject AM - Amend or Comments	Recommendation A - Accept R - Reject AM - Amend	TAG Group Consensus	Stake-holder Consensus	Comments
						Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N		
121	501.1		501.1		Scope	Y	2020 MBC added the sentence <i>An existing building plus additions shall comply with the height and area provisions of this chapter.</i>	N	N	Retain amendment	A			
122	503.1.4		503.1.4		Occupiable roofs	N	2021 IBC added the language <i>'An occupied roof shall not be included in the building height or number of stories as regulated by Section 504, provided that the penthouses and other enclosed rooftop structures comply with Section 1511.'</i> 2021 IBC also added a requirement for an emergency voice alarm when required elsewhere in the building. 2024 IBC changed the term from 'occupied roof' to 'occupiable roof'	N	N		A			
123	503.1.4.1		503.1.4.1		Enclosures over occupied roof areas	Y	2020 MBC divided the model code exception into two separate exceptions to break out into numbered exceptions. And added exception 3: <i>Where the occupied roof is considered a story and complies with the requirements of sections 504 and 506.</i> Also, added exception 4: <i>Enclosing walls shall not be limited in height where the occupied roof has access to a standpipe.</i> 2024 IBC changed the term from 'occupied roof' to 'occupiable roof'. And, added an exception 2: <i>Elements or structures enclosing the occupiable roof areas where the roof deck is located more than 75 feet (22 860 mm) above the lowest level of fire department vehicle access.</i>	N	N	1305 TAG Retain current amendment and add exception from the 2024 IBC	A	Y		Elements or structures enclosing the occupiable roof areas where the roof deck is located more than 75 feet (22 860 mm) above the lowest level of fire department vehicle access.
124	T 509		T 509.1		T - Incidental uses	N	2021 IBC updated table number to 509.1. 2021 IBC deleted 'stationary storage battery systems...' from the table. 2024 IBC added 'and provide automatic sprinkler system' to those uses requiring 1 hour separation. 2024 IBC updated sizes of rooms for ambulatory and I-2 waste and linen rooms to 8.67 CF and storage rooms to 50 SF. The identification of stationary storage battery systems as incidental uses, and the corresponding fire separations required for such uses, have been deleted from Tble 509.1 and are now more comprehensively regulated by Section 1207 of the IFC. With the increased level of protection mandated by the IFC, there is no longer a need to address areas containing stationary storage battery systems under the incidental use provisions.	N	N		A			

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Minnesota Rule 1305 and Minnesota Rule 7511 - Compatability											To be completed by TAG members				
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						Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
125	510.2		510.2		Horizontal building separation allowance	N	2021 IBC added the language 'that the following conditions are met to an exception. And added item 4 <i>Interior exit stairways located within the Type IA building are permitted to be of combustibile materials where the following requirements are met:</i> 4.1. <i>The building above the Type IA building is of Type III, IV, or V construction.</i> 4.2. <i>The stairway located in the Type IA building is enclosed by 3-hour fire-resistance-rated construction with opening protectives in accordance with Section 716.</i> Following items were renumbered due to added item. 2024 IBC Clarifies language in items 1 and 2 for vertical offsets in the horizontal assembly to be constructed as fire barriers and addressed hourly rating. 2024 IBC deleted the occupant load limitation to the Group A occupancies above the horizontal assembly.	N	N	Clarifies stair construction for below the podium and vertical offset conditions.	A				
CHAPTER 6 TYPES OF CONSTRUCTION															
126	603.1		603.1		Allowable materials - Combustible materials in Type I and II buildings	Y	2021 and 2024 IBC updates: Item 1 and 11: added language to point to 2303.2 for fire retardant treated wood. Item 1.1: added <i>except in shaft enclosures within Group I-2 occupancies and ambulatory care facilities.</i> Item 1.3: Added a second exception to Group I-2, <i>roof construction containing fire-retardant-treated wood shall be covered by not less than a Class A roof covering or roof assembly, and the roof assembly shall have a fire-resistance rating where required by the construction type.</i> Item 21: Changed terms from 'resistant' to 'resistive'. NEW Item 27: <i>Wood nailers for parapet flashing and roof cants.</i> NEW Item 28: <i>Vapor retarders as required by Section 1404.3.</i> 2020 MBC added Item 27: (need to renumber) <i>When not exceeding 48 inches above the roof deck, wood is permitted to be used in roof construction for equipment support, building or roof system joints, skylight or mechanical equipment, curbs, cants, blocking and backing, and for parapet or roof edge construction.</i>	N	N	Need to renumber MN item 27	AM				
CHAPTER 7 FIRE AND SMOKE PROTECTION FEATURES															

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						Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
127			704.5.1		Secondary attachments to structural members		2021 IBC added a new section and 2024 updated section to address protection for members attached to the primary and secondary members. <i>704.5.1 Secondary attachments to structural members. Where primary and secondary structural steel members require fire protection, any additional structural steel members having direct connection to the primary structural frame or secondary structural members shall be protected with the same fire-resistive material and thickness as required for the structural member. The protection shall extend away from the structural member a distance of not less than 12 inches (305 mm), or shall be applied to the entire length where the attachment is less than 12 inches (305 mm) long. Where an attachment is hollow and the ends are open, the fire-resistive material and thickness shall be applied to both exterior and interior of the hollow steel attachment.</i>	N	N	Clarifying for required protection provided.	A				
128			705.6		Continuity		2024 IBC added new section for the continuity requirements of exterior walls. <i>705.6 Continuity. The fire-resistance rating of exterior walls shall extend from the top of the foundation or floor/ceiling assembly below to one of the following: 1. The underside of the floor sheathing, roof sheathing, deck or slab above. 2. The underside of a floor/ceiling or roof/ceiling assembly having a fire-resistance rating equal to or greater than the exterior wall and the fire separation distance is greater than 10 feet. Parapets shall be provided as required by Section 705.12.</i>	N	N	Clarifying for required protection provided.	A				

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						Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
129			705.7.1		Floor assemblies in Type III construction		2024 IBC added new section for the fire-resistance rating requirements of floor assemblies in type III construction <i>705.7.1 Floor assemblies in Type III construction. In Type III construction where a floor assembly supports gravity loads from an exterior wall, the fire-resistance rating of the portion of the floor assembly that supports the exterior wall shall be not less than the fire-resistance rating required for the exterior wall in Table 601. The fire-resistance rating provided by the portion of the floor assembly supporting and within the plane of the exterior wall shall be permitted to include the contribution of the ceiling membrane when considering exposure to fire from the inside. Where a floor assembly supports gravity loads from an exterior wall, the building elements of the floor construction within the plane of the exterior wall, including but not limited to rim joists, rim boards and blocking, shall be in accordance with the requirements for interior building elements of Type III construction.</i>	N	N	Clarifying for required protection provided.	A				
130	706.2		706.1.2, 706.2		Deemed to comply	N	2024 IBC moved the language allowing a fire wall to be constructed in accordance with NFPA 221 to its own section and clarified that the required fire-resistance rating is determined by Section 706.4. <i>706.1.2 Deemed to comply. Fire walls designed and constructed in accordance with NFPA 221 shall be deemed to comply with this section, subject to the limitations of Section 102.4. The required fire-resistance rating shall be determined by Section 706.4.</i>	N	N	Clarifying the use of NFPA 221. 1305 TAG Tabled to be discussed with a upcoming code change proposal to address fire resistive ratings and reference NFPA 102 via NFPA 221.					
131	707.5		707.5		Contnuity (fire barrier)	Y	MN added 3rd exception: <i>Other fire barriers shall be permitted to terminate at a top enclosure complying with Section 713.12. Such top enclosure must be continuous either to the underside of the roof sheathing, or to an exterior wall, fire wall, or other fire barrier providing equal or greater fire protection.</i>	N	N	1305 TAG Tabled to look at simplifying this section to delete the exeptions per Norman					
132	707.5		707.5		Contnuity (fire barrier)	Y	2021 IBC added 3rd exception: <i>3. An exit passageway enclosure required by Section 1024.3 that does not extend to the underside of the floor sheathing, roof sheathing, slab or deck above shall be enclosed at the top with construction of the same fire-resistance rating as required for the exit passageway .</i>	N	N	1305 TAG Tabled to look at simplifying this section to delete the exeptions per Norman					
133	708.1		708.1		General (fire partitions)	N	2021 IBC added 3 more assemblies to comply as a fire partition. <i>6. Walls separating ambulatory care facilities from adjacent spaces, corridors or tenant as required by Section 422.2. 7. Walls separating dwelling and sleeping units in Groups R-1 and R-2 in accordance with Sections 907.2.8.1 and 907.2.9.1. 8. Vestibules in accordance with Section 1028.2.</i>	N	N		A				

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134			708.4.1		Fire partition walls enclosing elevator lobbies		2024 IBC added new section for fire partitions with elevator lobbies. 708.4.1 Fire partition walls enclosing elevator lobbies. Fire partition walls used to enclose elevator lobbies in accordance with Section 3006.3 shall form an enclosure that terminates at a fire barrier or fire partition having a fire-resistance rating of not less than 1 hour, or an outside wall.	N	N		A			
135	709.4.1		709.4.1		Smoke-barrier assemblies separating smoke compartments	N	2021 IBC changed the language to refer to the walls as assemblies and allow for termination at another smoke barrier wall, not just an outside wall. 709.4.1 Smoke-barrier walls assemblies separating smoke compartments. Smoke-barrier walls assemblies used to separate smoke compartments shall form an effective membrane enclosure that is continuous from an outside wall or smoke barrier wall to an outside wall or another smoke barrier wall and to the horizontal assemblies .	N	N	Discuss changes to continuity.	A			
136	710.4		710.4		Continuity (smoke partitions)	N	2024 IBC added an exception for Group I-2: Exception: In Group I-2, a lay-in ceiling system shall be considered capable of limiting the transfer of smoke where the ceiling tiles weigh not less than 1 pound per square foot (4.882 kg/m ²) and where the HVAC system is fully ducted in accordance with Section 603 of the International Mechanical Code.	N	N		A			
137	710.5.2.1		710.5.2.1		Louvers	N	2021 IBC added exception for louvers allowed in accordance with 407.3.1.1. Exception: Where permitted in accordance with Section 407.3.1.1.	N	N	Coordinates with Item 99 - 407.3.1.1. TAG consensus was to accept code update and allow louvers in doors	A			
138			710.5.3		Pass-through openings in Group I-2, Conition 2	N	2021 IBC new section with conditions for pass through openings. 710.5.3 Pass-through openings in Group I-2, Condition 2. Where pass-through openings are provided in smoke partitions in Group I-2, Condition 2 occupancies, such openings shall comply with the following: 1. The smoke compartment in which the pass-through openings occur does not contain a patient care suite or sleeping room. 2. Pass-through openings are installed in a wall, door or vision panel that is not required to have a fire-resistance rating . 3. The top of the pass-through opening is located a maximum of 48 inches (1219 mm) above the floor. 4. The aggregate area of all such pass-through openings within a single room shall not exceed 80 square inches (0.05 m ²).	N	N	Review new language	A			

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139	713.4		713.4		Fire-resistance ratings (shafts)	N	2024 IBC added an exception for shafts complying with 403.2.1.2. <i>Exception: Shafts having a reduced fire-resistance rating in high-rise buildings in accordance with Section 403.2.1.2.</i>	N	N	MN has currently deleted this exception. Coordinate with Item 68 - 403.2.1.2. TAG considered repealing amendment to delete the exception, as this was not MN specific. 05/02/2024 more discussion on this with the original SONAR needs to be heard at the 1305 and 7511 TAG as well as the State Fire Marshal Association TAG meeting via Forrest. Needs additional support prior to repealing AM.				
140	T 716.1(2)		T 716.1(2)		Opening fire protection assemblies, rating and markings	N	2021 IBC added a column for double fire walls. Added 5 new footnotes: <i>e. As required in Section 706.4. f. As allowed in Section 4.6 of NFPA 221. g. See Section 716.2.5.1.2. h. Fire-protection-rated glazing is not permitted for fire barriers required by Section 1207 of the International Fire Code to enclose energy storage systems. Fire-resistance-rated glazing assemblies tested to ASTM E119 or UL 263, as specified in Section 716.1.2.3, shall be permitted. i. Two doors, each with a fire rating of 20 minutes, installed on opposite sides of the same opening in a fire partition, shall be deemed equivalent in fire protection rating to one 45-minute fire door.</i>			1305 TAG Tabled to be discussed with a upcoming code change proposal to address fire resistive ratings and reference NFPA 102 via NFPA 221.				
141	T 716.1(3)		T 716.1(3)		Fire window assembly fire protection ratings	N	2021 IBC added footnote c: <i>c. Fire-protection-rated glazing is not permitted for fire barriers required by Section 1207 of the International Fire Code to enclose energy storage systems. Fire-resistance-rated glazing assemblies tested to ASTM E119 or UL 263, as specified in Section 716.1.2.3, shall be permitted.</i>	N	N		A			
142			716.2.5.4.1		Energy storage system separation		2021 IBC added section: <i>716.2.5.4.1 Energy storage system separation. Fire-protection-rated glazing shall not be permitted in fire door frames with transom lights and sidelights in fire barriers required by Section 1207 of the International Fire Code to enclose energy storage systems.</i>	N	N		A			
143			716.3.2.1.1.1		Energy storage system separation	N	2021 added section: <i>716.3.2.1.1.1 Energy storage system separation. Fire-protection-rated glazing is not permitted for use in fire window assemblies in fire barriers required by Section 1207 of the International Fire Code to enclose energy storage systems.</i>	N	N		A			