

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		
367			904.12	904.12	Hybrid fire extinguishing systems	N	[F] 904.12 Hybrid fire extinguishing systems. Hybrid fire extinguishing systems shall be designed, installed, maintained, periodically inspected and tested in accordance with NFPA 770. Records of inspection and testing shall be maintained.							
368	904.12.1		904.14.1		Manual system operation	N	New exception: Where locating the manual actuation device between 10 feet (3048 mm) and 20 feet (6096 mm) from the cooking area is not feasible, the fire code official is permitted to accept a location at or near a means of egress from the cooking area, where the manual actuation device is unobstructed and in view from the means of egress							
369	904.13		904.15		Domestic cooking facilities	Y	MN amended item 3 to pertain to Group R-2 congregate living facilities and not just dormitories to capture other uses where domestic cooking appliances are installed and used.			Retain amendment				
370	905.2.1-905.2.1.4				Modification to standards	Y	MN specific sections			Retain amendment				
371	905.3		905.3		Required installations	Y	IBC added exception: Standpipe systems are not required in Group R-2 townhouses . MN adds sections numbers due to MN specific added sections.			Discuss for townhouse deletion from building code				
372	905.3.1		905.1		Height	Y	MNSection 905.3.1 is modified to indicate Class I standpipes since Class III standpipes are eliminated. Separate and apart from this classification system, the installation standard (NFPA 14) defines whether a standpipe is wet, dry, automatic or manual. The word "wet" is added to section 905.3.1 for clarification, because the intent of the section is to require a wet standpipe by default. The first six exceptions in the model code are deleted because they pertain to allowing Class I standpipes under given conditions; these are no longer needed since the amended 905.3.1 would already allow Class I standpipes. The seventh exception in the model code has been redrafted into subsection 905.3.1.1 (see below). The proposed rule's exception is a new exception. This exception is needed and reasonable because it will prevent a wet standpipe system from being subjected to freezing temperatures that might damage it and put the system out of service.			Retain amendment				

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		
373	905.3.1.1				Lowest level	Y	MN amendmend replaces exception 7 from the IBC above			retain amendment				
374	905.3.2.1				Group A Exception	Y	This subpart is modified to reflect the elimination of Class III standpipes from this code.			Retain amendment				
375	905.3.4				Stages	Y	MN This subpart is amended to clarify that standpipes are not required for stage areas. Some jurisdictions have interpreted the current rule as meaning that, since the Class III standpipe requirement was deleted, this meant that Class I standpipes were required. This was never the Department's intent. The proposed amendment alleviates the confusion. Because standpipes are not required for stage areas, subsection 905.3.4.1 also needs to be deleted. IBC has deleted this section			Repeal amendment				
376	905.3.6				Helistops	Y	. This model code section is modified to eliminate the option for Class III standpipes, and substitute Class I standpipes instead. See the discussion in connection with the definition of Classes of Standpipe Systems, proposed part 1305.0202, subp. 1.			Retain amendment				
377	905.3.8		905.3.7		Landscaped roofs	N	IBC updated terminology and renumbered							Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
378	905.3.9				Detention and correctional facilities	Y	MN Sepcific sections			retain amendment				
379	905.3.10				Group R-2, small hose connections	Y	MN specific sections			retain amendment				
380	905.4		905.4		Location of class 1 standpipe hose connections	N	IBC added exterior exit stairs to locations							
381	905.5.1		905.5.1		Groups A-1 and A-2	Y	MN delected section			retain amendment				
382	905.6		905.6		Location of class III	Y	MN deleted section			retain amendment				
383	906.1		906.1		General (fire extinguishers	Y	MBC defers to MFC. MFC amends the model code language			retain amendment				
384	907.1.2		907.1.2		Fire alarm shop drawings	Y	MN amendment to add requirements for submittal			retain amendment				
385	907.2		907.2		Where required	Y	MN renumbered subsections and references the MFC, no technical changes			retain amendment				

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		
386	907	907				Y	MN amended multiple sections from the IBC			FCCC reviewed amendments and new IBC updates and retained MN amendments				
387			907.2.2.2		Laboratories involving research and development or testing		IBC new section: A fire alarm system activated by an air-sampling-type smoke detection system or a radiantenergy-sensing detection system shall be installed throughout the entire fire area utilized for the research and development or testing of lithium-ion or lithium metal batteries.				A			
388			907.2.4.1		Manufacturing involving lithium-ion or lithium metal batteries.		IBC new section: A fire alarm system activated by an air-sampling-type smoke detection system or a radiantenergy-sensing detection system shall be installed throughout the entire fire area where lithium-ion or lithium metal batteries are manufactured; and where the manufacturer of vehicles, energy storage systems or equipment containing lithium-ion or lithium metal batteries when the batteries are installed as part of the manufacturing process.				A			
389			907.2.7.2		Storage of lithium-ion or lithium metal batteries.		IBC new section: A fire alarm system activated by an air-sampling-type smoke detection system or a radiant-energy-sensing detection system shall be installed in a room or space within a Group M occupancy where required for the storage of lithium-ion or lithium metal batteries in accordance with Section 320 of the International Fire Code. Note: MN has deleted all of Group M.							
390			907.2.10		Group S	N	IBC new section - 907.2.10 Group S.A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group S public- and self-storage occupancies three stories or greater in height for interior corridors and interior common areas. Visible notification appliances are not required within storage units. Exception: Manual fire alarm boxes are not required where the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1, and the occupant notification appliances will activate throughout the notification zones upon sprinkler water flow.				A			
391	907.2.10.3		907.2.11.3		Installation near cooking appliances	N	IBC updated language removed specific locations and added an exception.				A			
392	907.2.11		907.2.12		Special amusement areas	N	IBC deleted these sections and references compliance with Section 411.3				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			
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		
393	907.4		907.4		initiating devices	N	IBC reworded and added items: a fire alarm system is required by another section of this code, occupant notification in accordance with Section 907.5 shall be initiated by one or more of the following. Initiating devices shall be installed in accordance with Sections 907.4.1 through 907.4.3.1. 1. Manual fire alarm boxes. 2. Automatic fire detectors. 3. Automatic sprinkler system waterflow devices. 4. Automatic fire-extinguishing systems.			A				
394	907.5		907.5		Occupant notification system	N	IBC reworded and removed items			A				
395	907.5.1		907.5.1, 907.5.1.1		Alarm activation and annunciation.	N	IBC added alarm acitcation and annunciation and made the presignal feature a subsection: Upon activation, fire alarm systems shall initiate occupant notification and shall annunciate at the fire alarm control unit, or where allowed elsewhere by Section 907, at a constantly attended location.							
396	907.5.2.1.2		907.5.2.1.2		maximum sound pressure	Y	MN amendment			FCCC reviewed amendments and new IBC updates and retained MN amendments	A			
397			907.5.2.1.3		Audible signal frequency in Group R-1 and R-2 sleeping rooms.		Audible signal frequency in Group R-1 and R-2 occupancies shall be in accordance with Sections				A			
398			907.5.2.1.3.1		Fire alarm system signal.		Fire alarm system signal.In sleeping rooms of Group R-1 and R-2 occupancies, the audible alarm activated by a fire alarm system shall be a 520-Hz lowfrequency signal complying with NFPA 72.				A			
399			907.5.2.1.3.2		Smoke alarm signal in sleeping rooms.		New section: Smoke alarm signal in sleeping rooms.In sleeping rooms of Group R-1 and R-2 occupancies that are required by Section 907.2.8 or 907.2.9 to have a fire alarm system, the audible alarm signal activated by single- or multiple-station smoke alarms in the dwelling unit or sleeping unit shall be a 520-Hz signal complying with NFPA 72. Where a sleeping room smoke alarm is unable to produce a 520-Hz signal, the 520-Hz alarm signal shall be provided by a listed notification appliance or a smoke detector with an integral 520-Hz sounder.				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			
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		
400	907.5.2.3		907.5.2.3		visible alarms	N	IBC added 5th exception: A visible alarm notification appliance installed in a nurses' control station or other continuously attended staff location in a Group I-2, Condition 2 suite shall be an acceptable alternative to the installation of visible alarm notification appliances throughout the suite or unit in Group I-2, Condition 2 occupancies that are in compliance with Section 907.2.6, Exception 2.			A				
401	907.5.2.3.3		907.5.2.3.3, 907.5.2.3.1		Grou R-2	N	IBC removed items and created a subsection addressing wire or wireless installations							
402	907.6.6		907.6.6.		Monitoring	Y	MN amendment removeing exceptions			retain amendment	A			
403	907.6.6.1		907.6.6.1		Transmission of alarm signals	N	IBC updated for outdated telephone dialing devices				A			
404			907.6.6.2		MIY monitoring		IBC new section: .Direct transmission of alarms associated with monitor it yourself (MIY) transmitters to a public safety answering point (PSAP) shall not be permitted unless approved by the fire code official. [F] 907.6.6.2907.6.6.3 Termination of				A			
405			908.3		FIRE ALARM SYSTEM INTERFACE	N	IBC new section: [F] 908.3 Fire alarm system interface. Where an emergency alarm system is interfaced with a building's fire alarm system, the signal produced at the fire alarm control unit shall be a supervisory signal.							
406	909.1		909.1		Scope and purpose (smoke control)	Y	Current MN amendment, no changes to IBC			retain amendment	A			
407	909.4.6		909.4.6		Duration of operations	Y	Current MN amendment, no changes to IBC			retain amendment	A			
408	909.4.8		909.4.8		Door opening force	Y	Current MN amendment, no changes to IBC			retain amendment	A			
409	909.6.1		909.6.1		Minimum pressure difference	N	IBC changes fully sprinklered to sprinklered throughout				A			
410	909.17		909.17		System response time	N	IBC adds the sentence: Upon receipt of an alarm condition at the fire alarm control panel, fans, dampers and automatic doors shall have achieved their proper operating state and the final status shall be indicated at the smoke control panel within 90 seconds.				A			
411	909.18.3		909.18.3		Dampers	N	IBC adds in accordance with NFPA 80 and NFPA 105				A			
412	909.20		909.20		Smokeproof enclosures	N	IBC adds or pressurized stair and pressurized entrance vestibule			section not located in 7511	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			
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		
413	909.20.1		909.20.1		Access	N	IBC adds: into the stairway , measured in a straight line between the centerline of the doorways into the vestibule and stairway .			section not located in 7511	A			
414	909.20.4-909.20.4.4		909.20.4-909.20.4.4		Mechanical ventilation alternative	N	IBC deleted these sections.			section not located in 7511	A			
415			909.20.5 - 909.20.5.4		Pressurized stair and vestibule alternative	N	IBC new sections.			section not located in 7511	A			
416	909.21		909.21		elevator hoistway pressurization alternative	N	IBC adds: The design shall consider the interaction effects of the operation of multiple smoke control systems for all design scenarios in accordance with Section 909.4.7. All components or systems associated with the means of mitigating adverse interaction shall comply with the applicable subsections of Section 909.				A			
417	909.22				High-rise and covered mall smoke control sysems	Y	MN specific section			retain amendment	A			
418	910.1.1-910.1.3				required venting method	Y	MN specific section			retain amendment	A			
419			910.3.4		Vent operation	N	IBC new section: 910.3.4 Vent operation.Smoke and heat vents shall be capable of being operated by approved automatic and manual means.				A			
420			910.3.5		Fusible link temperature rating	N	IBC new section: 910.3.5 Fusible link temperature rating. Where vents are installed in areas provided with automatic fire sprinklers and the vents operate by fusible link, the fusible link shall have a temperature rating of 360°F (182°C). [F] 910.4 Mechanical smoke removal systems.				A			
421	910.4, 910.4.3.1-910.4.4					Y	Current MN amendment, no changes to IBC			retain amendment	A			
422	910.5-910.7					Y	MN specific section			retain amendment	A			
423	911.1		911.1		General (fire command center)	N	IBC added - and in all F-1 and S-1 occupancies with a building footprint of over 500,000 square feet (46 452 m2),				A			
424	911.1.1		911.1.1		Location and access	N	IBC changed term access to				A			Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
425	911.1.3		911.1.3		Size	N	IBC added - Where a fire command is required for Group F-1 and S-1 occupancies with a building footprint greater than 500,000 square feet (46 452 m2) in area, the fire command center shall have a minimum size of 96 square feet (9 m 2) with a minimum dimension of 8 feet (2348 mm) where approved by the fire code official.				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			
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		
426	912.2.3	912.2.3			Connection height	Y	MN specific section for new installations			retain amendment	A			
427	912.2.5	912.2.5	912.2.5	912.2.5	Signs	N	IBC added 4 sections for signage requirements[F] 912.5.1 Lettering. Each fire department connection (FDC) shall be designated by a sign with raised letters not less than 1 inch (25.4 mm) in height. For manual standpipe systems, the sign shall also indicate that the system is manual and that it is either wet or dry. [F] 912.5.2 Serving multiple buildings. Where a fire department connection (FDC) services multiple buildings , structures or locations, a sign shall be provided indicating the building , structures or locations served. Where the FDC does not serve the entire building , a sign shall be provided indicating the portions of the building served. [F] 912.5.3 Multiple or combined systems. Where combination or multiple system types are supplied by the fire department connection, the sign or combination of signs shall indicate both designated services. [F] 912.5.4 Indication of pressure. The sign also shall indicate the pressure required at the outlets to deliver the standpipe system demand. Exception: Where the pressure required is 150 pounds per square inch (1034 kPa) or less.				A			
428	913.1	913.1	913.1	913.1	General (fire pumps)	N	IBC added an exception: Exception: Pumps for automatic sprinkler systems installed in accordance with Section 903.3.1.3, or Section P2904 of the International Residential Code.				A			
429	913.2.2	913.2.2.	913.2.2	913.2.2	Circuits supplying fire pumps	N	IBC added item 4 and an exception: 4. The cable or raceway is encased in a minimum of 2 inches (51 mm) of concrete. Exception: This section shall not apply to cables, or portions of cables, located within a fire pump room or generator room which is separated from the remainder of the occupancy with fire-resistance-rated construction.				A			
430	915.1	915.1.	915.1	915.1	General (CO)	N	IBC new exception: Exception: Carbon monoxide detection is not required in Group S, Group F and Group U occupancies that are not normally occupied.				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			
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		
431	915.1.1	915.1.1	915.1.1	915.1.1	Where required	N	IBC removed specific occupancies and added 4 items for where to install: 1. In buildings that contain a CO source . 2. In buildings that contain or are supplied by a CO-producing forced-air furnace. 3. In buildings with attached private garages. 4. In buildings that have a CO-producing vehicle that is used within the building.			A				
432	915.1.1	915.1.1	915.1.1	915.1.1	Exception	Y	MN Specific exception: Exception: In multifamily dwellings, approved and operational carbon monoxide alarms may be installed between 15 and 25 feet of carbon monoxide-producing central fixtures and equipment provided there is a centralized alarm system or other approved mechanism for responsible parties to hear the alarms at all times.			retain amendment	A			
433	915.1.2-915.1.6	915.1.2-915.1.6	915.1.2-915.1.6	915.1.2-915.1.6	multiple	N	IBC deleted these sections.				A			
434	915.2.1	915.2.1	915.2.1	915.2.1	dwelling units	Y	MN specifies the installation to be within 10'. IBC updates CO source			accept new language and retain amendment	A			
435	915.2.2	915.2.2	915.2.2	915.2.2	sleeping units	Y	MN specifies the installation to be within 10'. IBC updates CO source			accept new language and retain amendment	A			
436	915.2.3	915.2.3	915.2.3	915.2.3	Group E	N	IBC updated for clarity. No significant change				A			
437			915.2.4	915.2.4	CO-producing forced-air furnace.	N	IBC new section			FCCC agreed to accept new langauge	A			
438			915.2.5	915.2.5	Private garages.	N	IBC new section			FCCC agreed to accept new langauge	A			
439			915.2.6	915.2.6	All other occupancies.	N	IBC new section			FCCC agreed to accept new langauge	A			
440			915.3.1	915.3.1	Alarm limitations.	N	IBC new section			FCCC agreed to accept new langauge	A			
441			915.3.2	915.3.2	Fire alarm system required.	N	IBC new section			FCCC agreed to accept new langauge	A			
442			915.3.3	915.3.3	Fire alarm systems not required	N	IBC new section			FCCC agreed to accept new langauge	A			
443			915.3.4	915.3.4	Installation.	N	IBC new section			FCCC agreed to accept new langauge	A			
444			915.4.3	915.4.3	Locations	N	IBC deleted section			FCCC agreed to accept new langauge	A			
445			915.4.4	915.4.4	Interconnection	N	IBC new section			FCCC agreed to accept new langauge	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			
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 Y or N	Stake-holder Consensus Y or N	Comments
						Y or N		N=None, L=Low M=Med, H=High						
446			915.5.4	915.5.4	Occupant notification.	N	IBC new section			FCCC agreed to accept new language	A			
447			915.5.5	915.5.5	Duct detection.	N	IBC new section			FCCC agreed to accept new language	A			
448	91.2				Documentation	Y	MBC amendment changes this section to require documentation to be in accordance with 916.2.1 and 916.2.2 - change not incorporated into the MFC			retain amendment	A			
449					Fire authority notification	Y	MBC specific section: 916.2.2 Fire authority notification. On each occasion when a gas detection system is either installed or modified, the licensed design professional shall notify the fire authority having jurisdiction. - not incorporated into the MFC			retain amendment	A			
450	917.7	917.1	917.1	917.1	College and university campuses	Y	MBC deleted this section. MFC includes the IBC/IFC language							
451			917.2	917.2	Group E occupancies	N	New IBC/IFC section: 917.2 Group E occupancies Prior to construction of a new building containing a Group E occupancy requiring a fire alarm system and having an occupant load of 500 or more, a mass notification risk analysis shall be conducted in accordance with NFPA 72. Where the risk analysis determines a need for mass notification, an approved mass notification system shall be provided in accordance with the findings of the risk analysis.							
452	918.1		918.1		Emergency responder radio	Y	MBC deleted this section. MFC includes the IBC/IFC language							
453	919				Post-fire smoke exhaust system	Y	MBC specific section.			retain amendment	A			