

New Changes in the 2024 International Code

Minnesota Rule 1305										To be completed by TAG					
Item No.	Minnesota Code Section	2021 "I" Code Section	2024 "I" Code Section	Subject	Current MN Amend	Description of Change	Safety & Health Value	Cost Impact	Recommendation Accept Reject Amend	A- R- AM-	Recommendation A Accept Reject Amend	R - AM -	TAG Group Consensus Y or N	Stake- holder Consensus Y or N	Comments
					Y or N		N=None, L=Low M=Med, H=High	Comments							
CHAPTER 26 PLASTIC															
749	2602.1	same	same as 2021	Exterior wall covering and architectural trim	N	2021 IBC update terms from finish to covering					A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
750		2603.1.1	same as 2021	Spray-applied foam plastic	N	2021 IBC new section: Single- and multiple-component spray-applied foam plastic insulation shall comply with the provisions of Section 2603 and ICC 1100-2018.					A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
751			2603.1.2	Insulating sheathing	N	2024 IBC new section and new table: Foam plastic materials used as insulating sheathing shall comply with the provisions of Section 2603 and the material standards in Table 2603.1.2.					A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
752	2603.4	same	same as 2021	Thermal barrier	N	2024 IBC added terms 'mass timber'					A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
753	2603.4.1.4	same	same as 2021	Exterior walls, one story building	N	2024 IBC clarified the section to apply to insulated metal panels, and broke out the compliance requirements to an itemized list					A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
754			2603.4.1.15	Separately controlled climate structures	N	2024 IBC new section: In nonsprinklered buildings of Group U, foam plastic having a thickness that does not exceed 4 inches (102 mm) and a maximum flame spread index of 75 is permitted in separately controlled climate structures where the aggregate floor area does not exceed 400 square feet (37 m2) and the foam plastic is covered by a metal facing not less than 0.032-inch-thick (0.81 mm) aluminum or corrosion-resistant steel having a minimum base metal thickness of 0.016 inch (0.41mm). A thickness of up to 10 inches (254 mm) is permitted where protected by a thermal barrier.					A				
755	2603.9	same	same as 2021	Special approval	N	2024 IBC changed to itemized list for compliance tests					A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
756	2603.11 - end	same	Ch 14			2024 IBC relocated to chapter 14					A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
757	2606.7.4	same	same as 2021	Automatic sprinkler system	N	2021 IBC updated term to automatic sprinkler and added a listed and labeled UL option.					A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
758	2607.5	same	same as 2021	Automatic sprinkler system	N	2021 IBC limited light-transmitting plastic wall panels to not be installed more than 75 feet above grade plane					A				
759		2610.1.1	same as 2021	Unit skylights	N	2021 IBC new section: no material change					A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
760	2612	same	same as 2021	Plastic composite decking	N	2024 IBC added 'decking'					A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
CHAPTER 27 ELECTRICAL															

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					Y or N		N=None, L=Low M=Med, H=High	Comments							
761	2702.1.2	same	same as 2021	Fuel-line piping protection	N	2021 IBC broke out the compliance options into an itemized list				A					Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial
762	2702.1.3	same	same as 2021	Installation	Y	2020 MBC amended this section to require emergency and standby power systems to be installed in accordance with MR 1315 - electrical code. IBC requires installation to the IFC.			Retain amendment	A					
763	2702.2.3	same	same as 2021	Emergency reponder communication coverage systems	N	2021 IBC updated the term from 'radio' to 'communication'									
764	2702.2.4	same	same as 2021	Emergency voice/alarm communication systems	N	2021 ICB changed this section to compliance to NFPA 72.				A					Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial
765		2702.12	same as 2021	Hydrogen fuel gas rooms	N	2021 IBC new section: Standby power shall be provided for hydrogen fuel gas rooms as required by the International Fire Code.				A					Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
766	2702.2.12 - 2702.2.18	2702.2.13 - 2702.2.19	same as 2021	renumbering						A					Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
767			2703	Lightning Protection Systems	N	2024 IBC new sections: 2703.1 General. Where provided, lightning protection systems shall comply with Sections 2703.2 through 2703.3. 2703.2 Installation. Lightning protection systems shall be installed in accordance with NFPA 780 or UL 96A. UL 96A shall not be utilized for buildings used for the production, handling or storage of ammunition, explosives, flammable liquids, flammable gases or other explosive ingredients including dust. 2703.2.1 Surge protection. Where lightning protection systems are installed, surge protective devices shall also be installed in accordance with NFPA 70 and either NFPA 780 or UL 96A, as applicable. 2703.3 Interconnection of systems. All lightning protection systems on a building or structure shall be interconnected in accordance with NFPA 780 or UL 96A, as applicable.									
CHAPTER 28 MECHANICAL SYSTEMS															
768						No amendments, no changes				A					
CHAPTER 29 PLUMBING SYSTEMS															

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769	2902.1	same	same as 2021	Minimum number of fixtures	Y	2020 MBC: Plumbing fixtures shall be provided for the type of occupancy and in the minimum number shown in Table 2902.1. Types of occupancies not shown in Table 2902.1 shall be considered individually by the building official. The number of occupants shall be determined by this code. Occupancy classification shall be determined in accordance with Chapter 3. Exception: When approved by the building official, buildings or structures that are normally unoccupied, such as picnic shelters, amphitheaters, small transit stop stations, cold-storage buildings, utility sheds, warming houses, kiosks, concession stands and similar structures, need not be provided with restroom facilities.			retain amendment	A					
770	Table 2902.1	same	same as 2021	Minimum number of fixtures	Y	2020 MBC amended and added footnotes as shown in BOLD . e. For business and mercantile classifications with an occupant load of 50 (IBD is 15) or fewer, a service sink shall not be required. f. The required number and type of plumbing fixtures for swimming pools shall be in accordance with Minnesota Rules, part 4717.3650 . g. The minimum number of required drinking fountains shall comply with Table 2902.1 and Minnesota Rules, Chapter 1341. h. A drinking fountain shall not be required in buildings or tenant spaces having an occupant load of less than 50. i. Where water is served in restaurants, drinking fountains shall not be required. j. Water or other beverages available through free or fee-based serving or dispensers may be substituted for up to 50 percent of the required number of drinking fountains. k. In each bathroom or toilet room, urinals shall not be substituted for more than 67 percent of the required water closets. l. Permanent facilities located either on site or available in an adjacent building or portable temporary facilities available on site during times when the stadium or grandstand is in use may be used.			Retain amendment	A					
771	Table 2902.1	same	same as 2021	Minimum number of fixtures	Y	2020 MBC table changes: Footnotes added to headers. Footnote l added to stadium uses. MR removed the requirement for a bathtub or shower to the adult day care and child day care uses, Operational procedures for adult day services and child day care facilities typically do not permit staff to bathe those in their care.			Retain amendment	A					
772	Table 2902.1	same	same as 2021	Minimum number of fixtures	Y	2024 IBC made significant updates: review updates			Review updates	A					

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773	2902.1.1	same	same as 2021	Fixture calculations	N	IBC added a second exception: 2. Where multiple-user facilities are designed to serve all genders, the minimum fixture count shall be calculated 100 percent, based on total occupant load . In such multiple-user user facilities , each fixture type shall be in accordance with ICC A117.1									
774	2902.1.2	same	same as 2021	Fixtures in single-user toilet facilities and bathing rooms.	N	IBC changes noted in BOLD: Fixtures in single-user toilet facilities and bathing rooms. The plumbing fixtures located in single-user toilet facilities and single-user rooms, including family or assisted-use toilet facilities and bathing rooms shall contribute toward the total number of required plumbing fixtures for a building or tenant space. The number of fixtures in single-user toilet facilities , single-user bathing rooms and family or assisted-use toilet facilities shall be deducted proportionately from the required gender ratios of Table 2902.1. Single-user toilet facilities and bathing rooms, and family or assisted-use toilet facilities and bathing rooms shall be identified as being available for use by all persons regardless of their sex. The total number of fixtures shall be based on the required number of separate facilities or based on the aggregate of any combination of single-user or separate facilities .									
775	2902.1.3	same	same as 2021	Lavatory distribution	N	IBC changes noted in BOLD: Where two or more toilet facilities are provided for each sex, the required number of lavatories shall be distributed proportionately to the required number of male- and female-designated water closets.									
776	2902.2	same	same as 2021	Separate facilities	Y	2020 MBC amended exception 2 increase the occupant load limit from 15 to 25					retain amendment				
						2020 MBC deleted IBC exception 4: Separate toilet facilities shall not be required in business occupancies in which the maximum occupant load is 25 or fewer.					Retain amendment, covered by MR exception 2 with the increase to 25.				
						IBC added exception 5: Separate toilet facilities shall not be required to be designated by sex where single-user toilet rooms are provided in accordance with Section 2902.1.2.					Table for CCP				
						IBC added exception 6: Separate toilet facilities shall not be required where rooms having both water closets and lavatory fixtures are designed for use by all persons regardless of sex and privacy is provided for water closets in accordance with Section 405.3.4 of the International Plumbing Code and for urinals in accordance with Section 405.3.5 of the International Plumbing Code.					Table for CCP				

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777	2902.2.1	same	deleted	Family or assisted use toilet facilities serving as separate facilities.	N	IBC deleted this section in it's entirety				A				
778	2902.3.1	same	same as 2021	Access	N	IBC deleted the statement regarding routes to comply with accessibility code				A				
779	2902.3.2	same	same as 2021	Prohibited location for toilet facilities	N	IBC updated terms to from 'room' to 'facilities'				A				
780	2902.3.3	same	same as 2021	Location of toilet facilities in occupancies other than malls	N	IBC added two exceptions: Exceptions: 1. The location and maximum distances of travel to required employee facilities in factory and industrial occupancies shall be permitted to exceed that required by this section, provided that the location and maximum distances of travel are approved. 2. The location and maximum distances of travel to required public and employee facilities in Group S occupancies shall be permitted to exceed that required by this section, provided that the location and maximum distances of travel are approved.				A				
781	2902.3.5	same	same as 2021	Pay facilities	N	IBC added the word 'toilet'				A				
782	2902.3.6	same	same as 2021	Door locking	N	IBC added 3 exceptions: Exception: The egress door of a multiple occupant toilet room shall be permitted to be lockable from inside the room where all the following criteria are met: 1. The egress door shall be lockable from the inside of the room only by authorized personnel by the use of a key or other approved means. 2. The egress door shall be readily openable from the toilet room in accordance with Section 1010.2. 3. The egress door shall be capable of being unlocked from outside the room with a key or other approved means.			Review updates					
783	2902.4	same	same as 2021	Signage	N	IBC added: indicate whether the facility is to be used by males, by females, or by all persons regardless of sex.				A				
784	2902.5	same	same as 2021	Drinking fountain location	N	IBC deleted the statement regarding routes to comply with accessibility code				A				
785		2902.6	same as 2021	Small occupancies	Y	IBC section was replaced with footnote h and increased from 15 to 50 when a drinking fountain is not required.			retain deletion					
786	2902.6			Controlled access to required facilities	Y	MBC specific section: Sanitation facilities required by this chapter may have controlled access, but in all cases shall be maintained available for utilization by those employees, customers, or patrons used to calculate the minimum required facilities.			retain amendment					
787		2902.7	same as 2021	Service sink location	N	IBC new section: Service sinks shall not be required to be located in individual tenant spaces in a covered mall provided that service sinks are located within a distance of travel of 300 feet (91 m) of the most remote location in the tenant space and not more than one story above or below the tenant space. Service sinks shall be located on an accessible route .				A				

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788		2903.1.1	same as 2021	Water closets, urinals, lavatories and bidets	N	IBC new section: A water closet, urinal, lavatory or bidet shall not be set closer than 15 inches (381 mm) from its center to any side wall, partition, vanity or other obstruction. Where partitions or other obstructions do not separate adjacent water closets, urinals or bidets, the fixtures shall not be set closer than 30 inches (762 mm) center to center between adjacent fixtures or adjacent water closets, urinals or bidets. There shall be not less than a 21-inch (533 mm) clearance in front of a water closet, urinal, lavatory or bidet to any wall, fixture or door. Water closet compartments shall be not less than 30 inches (762 mm) in width and not less than 60 inches (1524 mm) in depth for floor-mounted water closets and not less than 30 inches (762 mm) in width and 56 inches (1422 mm) in depth for wall-hung water closets. Exception: An accessible children's water closet shall be set not closer than 12 inches (305 mm) from its center to the required partition or to the wall on one side.				A					
789		2903.1.2	same as 2021	Public lavatories	N	IBC new section: In employee and public toilet rooms, the required lavatory shall be located in the same room as the required water closet.			Table for CCP						
790		2903.1.3	same as 2021	Location of fixtures and piping	N	IBC new section: Piping, fixtures or equipment shall not be located in such a manner as to interfere with the normal operation of windows, doors or other means of egress openings.				A					
CHAPTER 30 ELEVATORS AND CONVEYING SYSTEMS															
791	3001.2	same	same as 2021	Elevator emergency communication systems	Y	MBC had deleted this section in it's entirety. IBC has signifacntly changed: An elevator emergency two-way communication system that includes both visual and audible communication modes complying with the requirements in ASME A17.1/CSA B44 shall be provided in each elevator car. The system shall provide a means to enable authorized personnel to verify: 1. The presence of someone in the car. 2. That the person(s) is trapped. Once an entrapment is verified, the system shall enable authorized personnel to: 1. Determine if assistance is needed. 2. Communicate when help is on the way. 3. Communicate when help arrives on site.									
792	3001.3	same	same as 2021	Referenced standards	Y	MBC amended to include compliance with MR 1307 elevators and MR 1335 Floodproofing. IBC added compliance to Section 3001.6. (structural design)			Keep MN amendment and pick up new IBC section compliance.	A					
793	3001.4	same	same as 2021	Accessibility	Y	MBC adds compliance with MR 1341			retain amendment	A					
794	3001.5	same	same as 2021	Change in use	Y	MBC adds compliance with MR 1307			retain amendment	A					

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795			3001.6	Structural design	N	IBC new section: All interior and exterior elevators, escalators and other conveying systems and their components shall comply with all applicable design loading criteria in Chapter 16, including wind, flood and seismic loads established in Sections 1609, 1612 and 1613.									
796	3002.1	same	same as 2021	Hoistway protection	N	IBC updated to: A hoistway for elevators, dumbwaiters and other vertical-access devices shall comply with Sections 712 and 713. Where the hoistway is required to be enclosed, it shall be constructed as a shaft enclosure in accordance with Section 713.			clarifies enclosure compliance requirements	A					
797	3002.1.1	same	same as 2021	Opening protectives	N	IBC adds 'fire-resistance rated'				A					Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
798	3002.1.2	same	same as 2021	Hardware on elevator hoistway doors	N	IBC updated to clarify hoistway doors				A					Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
799	3002.2	same	same as 2021	Number of elevator cars in a hoistway	N	IBC adds 'fire-resistance rated'				A					Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
800	3002.3	same	same as 2021	Emergency signs	Y	MBC: The sign shall be as illustrated in ASME A17.1, Figure 2.27.9.									
						IBC: Where elevators are not a component of the accessible means of egress, the sign shall read: IN CASE OF FIRE, ELEVATORS ARE OUT OF SERVICE. USE EXIT. Where the elevator is a component of the accessible means of egress, a sign complying with Section 1009.11 shall be provided.									
						IBC deleted exception 1: The emergency sign shall not be required for elevators that are part of an accessible means of egress complying with Section 1009.4.									
801	3002.4	same	same as 2021	Elevator care to accommodate ambulance stretcher	Y	MBC body code reads almost the same, but adds the signage requirement on all levels. MBC adds and exception for elevators installed in existing buildings.			retain amendment	A					
802	3002.6	same	same as 2021	Prohibited doors	Y	MBC adds more specific language for the operation of doors at the hoistway opening, and adds two exceptions			retain amendment	A					
803	3002.9	same	same as 2021	Plumbing and mechanical systems	Y	MBC allows these with the added conditions and added sections. IBC does not allow other than drains and sumps.			retain amendment	A					
804	3002.9.1			Plumbing systems	Y	MBC specific section: Plumbing systems in hoistways shall be limited to and provided in accordance with Minnesota Rules, Chapter 1307.			retain amendment	A					
805	3002.9.2			Mechanical systems	Y	MBC specific section: Mechanical systems and mechanical components in hoistways shall be limited to those serving the hoistway. Mechanical systems serving the hoistway shall not serve other portions of the building.			retain amendment	A					

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806	3003.1.1	same	same as 2021	Manual transfer	Y	MBC: At elevator locations where standby power is required, standby power shall be manually transferable to all elevators in each bank. Standby power shall not be transferred from elevator banks where standby power is required to elevator banks where standby power is not required.				more specific, retain amendments	A				
807	3003.1.3	same	same as 2021	Two or more elevators	Y	MBC more specific on 'where standby power is required, all elevators controlled by that common operating system' and adds compliant to ASME A17.1. IBC directs the sequence and disconnects for elevators.				review standard verses IBC language					
808	3005.2	same	same as 2021	Temperature control	N	IBC changed section from 'venting' to 'temperature control' - code remained the same					A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
809	3005.4	same	same as 2021	Machine rooms, control rooms, machinery spaces and control spaces	N	IBC broke out the rooms required to be enclosed to an itemized list					A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
810	3006.1	same	same as 2021	General	N	2024 IBC updated multiple terms				clarifies, no changes	A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
811	3006.2	same	same as 2021	Elevator hoistway door	N	2024 IBC added a 6th condition: The elevator hoistway door is located in the wall of a corridor required to be fire-resistance rated in accordance with Section 1020.1.					A				
812	3006.3	same	same as 2021	Elevator hoistway door protection	N	2024 IBC updated multiple terms and removed sprinkler reference in item 2.					A				
					N	2024 IBC added a 5th condition: 5. A smoke-protective curtain assembly for hoistways shall be provided at each elevator hoistway door opening in accordance with Section 3002.6. Such curtain assemblies shall comply with the smoke and draft control requirements in Section 716.2.2.1.1 when tested in accordance with UL 1784 without an artificial bottom seal. Such curtain assemblies shall be equipped with a control unit listed to UL 864. Such curtain assemblies shall comply with Section 2.11.6.3 of ASME A17.1/CSA B44. Installation and maintenance shall be in accordance with NFPA 105.					A				
813	3006.4	same	same as 2021	Means of egress	N	2024 IBC added the last sentence: Electrically locked exit access doors providing egress from elevator lobbies shall be permitted in accordance with Section 1010.2.14.					A				
814	3007.6	same	same as 2021	Fire service access elevator lobby	N	2024 IBC added second exception: A fire service access elevator lobby is not required to be provided at an occupiable roof.					A				
815	3007.6.2	same	same as 2021	Elevator lobby separation	N	updated language					A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.

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816	3007.6.3	same	same as 2021	Elevator lobby doorways	N	updated language				A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
817	3008.6.1 - 3008.6.3.2	same	same as 2022		N	updated language				A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
818			3009	Private residence elevators	N	IBC new section				A				
819			3009.1	General	N	IBC new section: The design, construction and installation of elevators installed within a residential dwelling unit or installed to provide access to one individual residential dwelling unit shall conform to ASME 17.1/CSA B44, Section 5.3.				A				
820			3009.2	Hoistway enclosures	N	IBC new section: Hoistway enclosures shall comply with ASME A17.1/CSA B44, Requirement 5.3.1.1.				A				
821			3009.3	Hoistway opening protection	N	IBC new section: Hoistway landing doors for private residence elevators shall comply with ASME A17.1/CSA B44, Requirements 5.3.1.8.1 through 5.3.1.8.3.				A				
CHAPTER 31 SPECIAL CONSTRUCTION														
822	3101.1	same	same as 2021	General	N	IBC updates to scope: The provisions of this chapter shall govern special building construction including membrane structures, temporary structures, pedestrian walkways and tunnels, automatic vehicular gates , awnings and canopies, marquees, signs, telecommunications and broadcast towers, antennas, relocatable buildings , swimming pools, spas and hot tubs, enclosures and safety devices , automatic vehicular gates, solar energy systems, greenhouses, relocatable buildings, public use restroom building on publicly owned lands in flood hazard areas and intermodal shipping containers.			Add window cleaning anchors	A				
823	3103.1	same	same as 2021	General (temporary structures)	N	IBC added two exceptions: 1. Public-occupancy temporary structures complying with Section 3103.1.1 shall be permitted to remain in service for 180 days or more but not more than 1 year where approved by the building official . 2. Public-occupancy temporary structures within the confines of an existing structure are not required to comply with Section 3103.6.				A				

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824			3103.1.1	Extended period of service time		IBC new section: Public-occupancy temporary structures shall be permitted to remain in service for 180 days or more without complying with requirements in this code for new building or structures where extensions for up to 1 year are granted by the Building Official in accordance with Section 108.1 and where the following conditions are satisfied: 1. Additional inspections as determined by the building official shall be performed by a qualified person to verify that site conditions and the approved installation comply with the conditions of approval at the time of final inspection. 2. A qualified person shall perform follow-up inspections after initial occupancy at intervals not exceeding 180 days to verify the site conditions and the installation conform to the approved site conditions and installation requirements. Inspection records shall be kept and shall be made available for verification by the building official . 3. An examination shall be performed by a registered design professional to determine the adequacy of the temporary structure to resist the structural loads required in Section 3103.6. 4. Relocation of the public-occupancy temporary structure shall require a new permit application. 5. The use or occupancy approved at the time of final inspection shall remain unchanged. 6. A request for an extension is submitted to the building official . The request shall include records of the inspections and examination in Items 1 and 3.					A				
825	3103.1.1 - 3103.1.2	same	3103.1.2 - 3103.1.3	renumbered						A					Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
826			3103.5	Bleachers	N	IBC new section: Temporary bleachers , grandstands and folding and telescopic seating that are not building elements shall comply with ICC 300.				A					
827			3103.6	Structural requirements	N	IBC new section: Structural complaine				A					
828			3103.6.1	Structural loads	N	IBC new section: Public-occupancy temporary structures shall be designed in accordance with Chapter 16, except as modified by Sections 3103.6.1.1 through 3103.6.1.6.				A					

New Changes in the 2024 International Code

Minnesota Rule 1305										To be completed by TAG				
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					Y or N		N=None, L=Low M=Med, H=High	Accept Reject Amend			Y or N		Y or N	
829			3103.6.1.1	Snow loads	N	IBC new section: Snow loads on public-occupancy temporary structures shall be determined in accordance with Section 1608. The ground snow loads, pg, in Section 1608 shall be modified according to Table 3103.6.1.1. Exception: Ground snow loads, pg, for public-occupancy temporary structures that employ controlled-occupancy procedures per Section 3103.8 shall be permitted to be modified using a ground snow load reduction factor of 0.65 instead of the ground snow load reduction factors in Table 3103.6.1.1. Where the public-occupancy temporary structure is not subject to snow loads or not constructed and occupied during times when snow is to be expected, snow loads need not be considered, provided that where the period of time when the publicoccupancy temporary structure is in service shifts to include times when snow is to be expected, one of the following conditions is met: 1. The design is reviewed and modified, as appropriate, to account for snow loads. 2. Controlled occupancy procedures in accordance with Section 3103.8 are implemented.				A				
830			Table 3103.6.1.1	Reduction factors for ground snow loads	N	IBC new table				A				
831			3103.6.1.2	Wind Loads	N	IBC new section: The design wind load on public-occupancy temporary structures shall be permitted to be modified in accordance with the wind load reduction factors in Table 3103.6.1.2. Exceptions: 1. Design wind loads for public-occupancy temporary structures that implement controlled occupancy procedures per Section 3103.8 shall be permitted to be modified using a wind load reduction factor of 0.65. 2. For public-occupancy temporary structures erected in a hurricane-prone region outside of hurricane season, the basic wind speed , V, shall be permitted to be set as follows, depending on risk category : 2.1. Risk Category II: 115 mph. 2.2. Risk Category III: 120 mph. 2.3. Risk Category IV: 125 mph.				A				
832			Table 3103.6.1.2	Reduction factors for wind loads	N	IBC new table				A				

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					Y or N		N=None, L=Low M=Med, H=High	Y or N		Y or N	Y or N				
833			3103.6.1.3	Flood loads	N	IBC new section: Public-occupancy temporary structures need not be designed for flood loads specified in Section 1612. Controlled occupancy procedures in accordance with Section 3103.8 shall be implemented.				A					
834			3103.6.1.4	Seismic loads	N	IBC new section:				A					Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial
835			3103.6.1.5	Ice loads	N	IBC new section: Ice loads on public-occupancy temporary structures shall be permitted to be determined with a maximum nominal thickness of 0.5 inch (13 mm), for all risk categories. Where the public-occupancy temporary structure is not subject to ice loads or not constructed and occupied during times when ice is to be expected, ice loads need not be considered, provided that where the period of time when the public-occupancy temporary structure is in service shifts to include times when ice is to be expected, one of the following conditions is met: 1. The design is reviewed and modified, as appropriate, to account for ice loads. 2. Controlled occupancy procedures in accordance with Section 3103.8 are implemented.				A					
836			3103.6.1.6	Tsunami loads	N	IBC new section:				A					Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial
837			3103.6.2	Foundations	N	IBC new section: Public-occupancy temporary structures shall be permitted to be supported on the ground with temporary foundations where approved by the building official . Consideration shall be given for the impacts of differential settlement where foundations do not extend below the ground or where foundations are supported on compressible materials. The presumptive load-bearing value for public-occupancy temporary structures supported on a pavement, slab on grade or on other collapsible or controlled low-strength substrate soils such as beach sand or grass shall be assumed not to exceed 1,000 pounds per square foot (47.88 kPa) unless determined through testing and evaluation by a registered design professional . The presumptive load-bearing values listed in Table 1806.2 shall be permitted to be used for other supporting soil conditions.				A					

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838			3103.6.3	Installation and maintenance inspections	N	IBC new section: A qualified person shall inspect publicoccupancy temporary structures that are assembled using transportable and reusable materials. Components shall be inspected when purchased or acquired and at least once per year. The inspection shall evaluate individual components, and the fully assembled structure , to determine suitability for use based on the requirements in ESTA ANSI E1.21. Inspection records shall be kept and shall be made available for verification by the building official . Additionally, public-occupancy temporary structures shall be inspected at regular intervals when in service to ensure that the structure continues to perform as designed and initially erected.				A					
839			3103.6.4	Durability	N	IBC new section: Reusable components used in the erection and the installation of public-occupancy temporary structures shall be manufactured of durable materials necessary to withstand environmental conditions at the service location. Components damaged during transportation or installation or due to the effects of weathering shall be replaced or repaired.				A					
840			3103.7	Serviceability	N	IBC new section: The effects of structural loads or conditions shall not adversely affect the serviceability or performance of the public-occupancy temporary structure .				A					

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					Y or N		N=None, L=Low M=Med, H=High					Y or N	Y or N		
841			3103.8	Controlled occupancy procedures	N	IBC new section: Where controlled occupancy procedures are required to be implemented for public-occupancy temporary structures in Section 3103.6.1, the procedures shall comply with this section and ANSI ES1.7. An operations management plan in accordance with ANSI E1.21 shall be submitted to the building official for approval as a part of the permit documents. In addition, the operations management plan shall include an emergency action plan that documents the following information, where applicable: 1. Surfaces on which snow or ice accumulates shall be monitored before and during occupancy of the public-occupancy temporary structure . Any loads in excess of the design snow or ice load shall be removed prior to its occupancy, or the public-occupancy temporary structure shall be vacated in the event that either the design snow or ice load is exceeded during its occupancy. 2. Wind speeds associated with the design wind loads shall be monitored before and during occupancy of the public-occupancy temporary structure . The public-occupancy temporary structure shall be vacated in the event that the design wind speed is expected to be exceeded during its occupancy. 3. Criteria for initiating occupant evacuation procedures for flood and tsunami events. 4. Occupant evacuation procedures shall be specified for each environmental hazard where the occupant management plan specifies the public-occupancy temporary structure is to be evacuated. 5. Procedures for anchoring or removal of the public-occupancy temporary structure , or other additional measures or procedures to be implemented to mitigate hazards in snow, wind, flood , ice or tsunami events.				A					
842	3109	same	same as 2021	Swimming pools, spas and hot tubs	Y	MBC has deleted this section in it's entirety			Retain amendment	A					
843	3111.1	same	same as 2021	General (solar energy systems)	Y	MBC specific exception: Buildings regulated by Minnesota Rules, Chapter 1309, the Minnesota Residential Code.			Retain amendment	A					
844	3111.1.1	same	same as 2021	Wind resistance	N	IBC changed 'panels and modules' to '(PV) panel systems'				A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.	
845	3111.1.2	same	same as 2021	Roof live load	N	IBC changed section reference to 1607.15				A				Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.	
846	3111.1.3			Roof access points	Y	MBC specific section for roof access points			retain amendment	A					
847	3111.2	same	same as 2021	Solar thermal systems	N	IBC added: Where light-transmitting plastic covers are used, solar thermal collectors shall be designed in accordance with Section 2606.12.				A					

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					Y or N		N=None, L=Low M=Med, H=High	Y or N		Y or N	Y or N				
848	3111.3	same	same as 2021	Photovoltaic solar energy systems	N	MBC references compliance to MFC and MEC and adds MN specific exception: Solar photovoltaic power systems installed on detached, nonhabitable Group U structures including parking shade structures, carports, solar trellises, and similar structures need only comply with the Minnesota Fire Code, the Minnesota Electrical Code, and the manufacturer's instructions.			Retain amendment	A					
849	3111.3.1 - 3111.3.3	same	same as 2021	multiple	N	IBC adds new UL listing options and changes terms to 'BIPV'				A					Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
850	3111.3.4	same	same as 2021	Access and pathways	Y	MBC amends this section and adds multiple subsections for access and pathway compliance				A					
851	3111.3.4.1 - 3111.3.4.2.3				Y	MBC specific sections				A					
852			3111.3.5	Elevated photovoltaic (PV) support structures	N	IBC new section: Elevated PV support structures shall comply with either Section 3111.3.5.1 or 3111.3.5.2. Exception: Elevated PV support structures that are installed over agricultural uses.				A					
853			3111.3.5.1	Photovoltaic (PV) panels installed over open-grid framing of a noncombustible deck	N	IBC new section: Elevated PV support structures with PV panels installed over open-grid framing or over a noncombustible deck shall have PV panels tested, listed and labeled with a fire type rating in accordance with UL 1703 or with both UL 61730-1 and UL 61730-2. Photovoltaic panels marked "not fire rated" shall not be installed on elevated PV support structures.				A					
854			3111.3.5.2	Photovoltaic (PV) panels installed over a roof assembly	N	IBC new section: Elevated PV support structures with a PV panel system installed over a roof assembly shall have a fire classification in accordance with Section 1505.9.				A					
855	3111.3.5	same	3111.3.6	Ground-mounted photovoltaic (PV) panel systems	Y	MBC amended to: Ground-mounted photovoltaic panel systems shall comply with this section and Section 3111.1. Setback requirements shall not apply to ground-mounted, free-standing photovoltaic arrays. A clear, brush-free area of 10 feet (3048 mm) shall be required for ground-mounted photovoltaic arrays. IBC references compliance with Chapter 16 and IFC.			Retain amendment, pick up IBC language	A					
856	3111.3.5.1	same	3111.3.6.1	Fire separation distance	N	renumber				A					Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial
857	3111.3.6 - 3111.3.6.3			Buildings with rapid shutdown	Y	MBC added section for rapid shutdown requirements			Retain amendment	A					
858	3113	same	same as 2021	Relocatable buildings	Y	MBC has deleted this section in its entirety, and directs compliance to MR 1361			Retain amendment	A					
859	3114			Window cleaning anchors	Y	MBC specific sections			retain section - coordinate with Statute	A					
860		3115	3114	Intermodal shipping containers		IBC new sections - multiple			renumber with window cleaning anchor section	A					

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CHAPTER 32 ENCROACHMENTS INTO THE PUBLIC RIGHT-OF-WAY															
861						No amendments, no changes				A					
CHAPTER 33 SAFEGUARDS DURING CONSTRUCTION															
862	3301.1	same	same as 2021	Scope	N	IBC added: Fire safety during construction shall also comply with the applicable provisions of Chapter 33 of the International Fire Code.				A					
863	3301.2	same	same as 2021	Storage and placemnt of construction equipment and materials	N	IBC added 'of construction equipment and materials'				A					Not reviewed by TAG. Listed for tracking purposes only. Non-substantial or editorial only changes.
864		3301.2.1	3301.3	Roof loads	N	IBC new section: Structural roof components shall be capable of supporting the roof-covering system and the material and equipment loads that will be encountered during installation of the system.				A					
865	3302.1	same	3301.4	Maintenance of exits, existing structural elements, fire protection devices and sanitary safeguards	N	IBC renamed and moved this section from construction safeguards to general									
866	3302.2	same	3301.5	Removal of waste materials	N	IBC renamed and moved this section from construction safeguards to general									
867	3302.4			Construction barrier	Y	MBC specific section: Where construction, remodeling, or demolition is taking place involving the use of cutting and welding, temporary heating with open flames, or flammable-liquid-fueled equipment, such areas shall be separated from occupied areas of a building by materials that will resist the spread of fire and smoke as specified for draftstopping materials in IBC Section 718.3.1.									
868	3302.3	3302.3	3302	Owners responsibility for fire protection.		IBC new section			Review new section of 2024 IBC						
869			3302.1	Site safety plan		IBC new section			Review new section of 2024 IBC						
870			3302.1.1	Components of site safety plans		IBC new section			Review new section of 2024 IBC						
871			3302.2	Site safety director		IBC new section			Review new section of 2024 IBC						
872			3302.3	Daily fire safety inspection		IBC new section			Review new section of 2024 IBC						
873			3302.3.1	Violations		IBC new section			Review new section of 2024 IBC						
874	3305	same	same as 2021	Sanitary	Y	MBC has deleted this section in it's entirety			Retain amendment	A					
875	3307.1	same	same as 2021	protection of ajacent property	N	IBC updated from 'ajoining buildings' to "adjacent property'				A					
876		3307.2 - 3307.2.3	same as 2021	Excavation retention systems	N	IBC new sections			Review new section of 2024 IBC	A					
877	3313	3313.1 - 3313.5	same as 2021	water supply for fire protection	N	IBC new sections			Review new section of 2021 IBC	A					

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878	3314.1	same	same as 2021	Fire watch during construction	N	IBC updated: A fire watch shall be provided during nonworking hours for construction that exceeds 40 feet (12 192 mm) in height above the lowest adjacent grade at any point along the building perimeter, for new multistory construction with an aggregate area exceeding 50,000 square feet (4645 m2) per story or as required by the fire code official.				A				
REFERENCED STANDARDS														
879	Referenced standards				Y	ANSI/IWACA I-14.1—01: Standard for Window Cleaning 3114.1			review for proper version					
880	Referenced standards				Y	A18.1—2017: Safety Standard for Platform Lifts and Stairway Chairlifts 1109.8, Table 3001.3			review for proper version					
881	Referenced standards				Y	ANSI MH29.1—12: Safety Requirements for Industrial Scissors Lifts Table 3001.3			review for proper version					
882	Referenced standards				Y	99—12: Health Care Facilities Code 407.11, 422.6, 425.1			review for proper version					
883	Referenced standards				Y	101—12: Life Safety Code 1029.6.2			review for proper version					