

New Changes in Mechanical Fuel Gas Code TAG Review Worksheet

Model Code: 2024 IMC

Chapter 1346 Mechanical and Fuel Gas Code, Mechanical Code Portion										To be completed by TAG members			
Item No.	Minnesota Code Section	"I" Code Section	Subject	Current Minnesota 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	Stakeholder Consensus	Comments	
				Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
1	1346.0050.		Incorporation by Reference	Y	Incorporate chapters 2-15 of the 2024 IMC	N	N	AM	AM	Y			
2	1346.0050.		Incorporation by Reference	Y	Change the reference to NFPA 96-2017 to NFPA 96-2024	N	N	AM	AM	Y			
3	1346.0050.		Incorporation by Reference	Y	Remove ASHRAE 62.2 as referenced	N	N	AM	Repeal	Y		Vote of 9-0 in favor with 1 abstain	
4	1346.0050.		Incorporation by Reference	Y	Change the reference to ASHRAE 154-2016 to ASHRAE 154-2022	N	N	AM	A				
5	1346.0201.4	201.4	Terms not defined	Y	Chapter 1300 is looking to change the definition			Amend to meet 1300 and IBC definitions	A			From IBC meeting notes: The TAG discussed amending this to align with the code change proposal to MR 1300.0070 Subp. 1 Definitions. The proposed change adds a first default for definitions to the other rules chapters in the State Building Code before simply going to the dictionary. The TAG consensus was to amend this section to match MR 1300.	
6		Section 202	Ambulatory care facility	N	Added definition in 2024 for Ambulatory Care Facility	N	N	IBC has Minnesota amended definition. Suggest following IBC amended definition for consistency	A Follow IBC			Meet IBC definition	
7		Section 202	Approved agency	N	Minor changes to verbiage in the 2024	N	N	IBC has almost the same definition with the only change being code official to building official, so no amendment is necessary	A				
8		Section 202	Balanced ventilation	N	Added definition in 2021 for balanced ventilation, changed verbiage in the 2024	N	N	Revisit when IRC Tag is started	A	N		Vote of 6-4 in favor	
9		Section 202	Ceiling radiation damper	N	Changed definition for ceiling radiation damper in the 2021. Added dynamic requirements	N	N	A	A	Y			
10	1346.0202	Section 202	Closed combustion solid fuel-burning-appliance	Y	Remove Minnesota Amendment to closed combustion solid fuel-burning-appliance	N	N	Accept: The model code language is almost identical to the Minnesota amendment	Repeal	Y		Remove Minnesota amendment	
11	1346.0202	Section 202	Commercial cooking appliances	Y	Minnesota Amendment to commercial cooking appliance.	N	N	Need to revisit amendment for clarity as referenced in ASHRAE 154	Repeal amendment and removed the definition			Brian Stemwedel submitted CCP	
11a		Section 202	Commercial cooking recirculation sytem	N		N	N	Removed definition	A			Brian Stemwedel submitted CCP	
11b		Section 202	Commercial kitchen hoods (including types of hoods)	N		N	N	Removed definition	A			Brian Stemwedel submitted CCP	
11c		Section 202	Compensating hoods	N		N	N	Removed definition	A			Brian Stemwedel submitted CCP	
12		Section 202	Condensing unit	N	2024 verbiage change	N	N	A	A	Y			
13	1346.0202	Section 202	Decorative solid fuel burning appliance	Y	Remove definition, not needed.	N	N	The code does not reference these type of appliances. Chapter 9 has listings, none reference this definition.	Repeal	Y		Remove Minnesota amendment	
14		Section 202	Direct evaporative cooling	N	New definition in the 2021 kept in the 2024	N	N	A	A	Y			
15		Section 202	Draftstop	N	New definition in the 2024	N	N	Accept: Aligns with the 2024 IBC	A	Y			
16	1346.0202	Section 202	Exhaust system	Y	Remove Minnesota Amendment. Causes issues with section 505.6	N	N	Accept: By keeping domestic kitchen exhaust hoods, ALL kitchen domestic hoods must be exhausted to the exterior.	A	Y			

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17	1346.0202	Section 202	Fan assisted appliance	Y	Remove	N	N	Accept: The tables in 501.4 will be relocated to the IRC and revised accordingly. Chapter 9 lists all the appliances. This definition, in the IMC, is not needed. There is a definition in the IFGC	Repeal	Y		Remove Minnesota amendment
18		Section 202	Flammability classifications	N	2021 IMC changed the definition and the 2024 removed the definition.	N	N	Accept: Moved to Refrigerant safety group classification definition.	A	Y		
19		Section 202	Grease duct	N	New definition in the 2024	N	N	Recommend we follow ASHRAE 154 definition for grease duct	R	Y		ASHRAE 154 has a definition that we will keep
20		Section 202	Gypsum board	N	New definition in the 2024, copied from the IBC	N	N	A	A	Y		
21		Section 202	Gypsum wallboard	N	New definition in the 2024, copied from the IBC	N	N	A	A	Y		
22		Section 202	Heat pump	N	Changed definition in the 2024 for heat pump	N	N	Accept: Aligns with industry standards.	Accept CCP			John Smith submitted CCP
23		Section 202	Indirect evaporative cooling	N	Added definition in the 2021 and carried to the 2024	N	N	Accept: Aligns with industry standards.	A	Y		
24		Section 202	Large-diameter ceiling fan	N	Added definition in the 2021 and carried to the 2024	N	N	A	A	Y		
25		Section 202	Listed	N	Changed definition in the 2024	N	N	IBC has almost the same definition with the only change being code official to building official, so no amendment is necessary	A			
26		Section 202	Lower flammable limit (Refrigerant)(LFL)	N	Changed the definition in the 2024	N	N	Accept: Clarification to the existing definition.	A	Y		
27		Section 202	Noncombustible material	N	Changed the definition in the 2024	N	N	A	A	Y		
28		Section 202	Peer review	N	Added definition in the 2024	N	N	Accept: Aligns with the 2024 IBC	A	Y		
29	1346.0202	Section 202	Power vent appliance	Y	Remove the Minnesota Amendment to the IMC	N	N	Accept: The tables in 501.4 will be relocated to the IRC and revised accordingly. This definition, in the IMC, is not needed. The IFGC has category definitions that address venting types.	Repeal	Y		Remove Minnesota amendment
30	1346.0202	Section 202	Powered makeup air	Y	Remove	N	N	Accept: The tables in 501.4 will be relocated to the IRC and revised accordingly.	Repeal	Y		Remove Minnesota amendment
31		Section 202	Press-connect joint	N	Changed the definition adding clarity in the 2021 and copied in the 2024	N	N	A	A	Y		
32		Section 202	Refrigerant	N	Changed the definition in the 2024 providing clarity	N	N	A	A	Y		Vote 10-0 in favor
33		Section 202	Refrigerant designation	N	Added definition in the 2024	N	N	A	A	Y		
34		Section 202	Refrigerant safety group classification	N	Added definition in the 2021 and revised it in the 2024	N	N	A	A	Y		
35		Section 202	Refrigeration system	N	Changed from Refrigerating System and changed the verbiage in the 2024	N	N	A	A	Y		

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				Y or N		N=None, L=Low M=Med, H=High	Y or N		Y or N			
36	1346.0202	Section 202	Sealed	Y	Remove	N	N	UL181 is designed for duct sealing. Are other sealing methods can be used for other materials.	Repeal	Y		Remove Minnesota amendment
37		Section 202	Steam bath equipment	N	Added definition in the 2024	N	N	A	A	Y		
38	1346.0202	Section 202	Solid fuel appliance	Y	Remove?	N	N	Chapter 9 addresses listed appliances.	Repeal			
39		Section 202	Toxicity classification (Refrigerant)	N	Changed the title from Toxicity classification and changed the verbiage in 2021 and removed the definition in 2024	N	N	The change aligns with industry standards.	A			
40		Section 202	Unvented alcohol fuel-burning decorative appliance	N	Added definition in the 2021 and remains in the 2024	N	N	Reject: Our Minnesota amendment 901.5 prohibits these appliances.	R			
41	1346.0301.7	301.7	Listed and labeled	Y	Model code language differs from amendment.	N	N	Keep amendment	A			
42		301.18	Seismic resistance	N	Changed in the 2021, copied in the 2024.	N	N	Not needed for Minnesota. Remains in the 2020 1346	A			
43		302.3	Cutting, notching and boring in wood framing	N	Changed the verbiage and removed 302.3.2 and 302.3.3 in 2024	N	N	A	A			
44		302.3.1	Engineered wood products	N	Changed location from 302.3.4 in 2024	N	N	A	A			
45		302.5	Cutting and notching in cold-formed steel framing	N	Changed the verbiage and removes subsections 302.5.2 and 302.5.3 in 2024	N	N	A	A			
46	1346.0303.8	303.8.	Elevator shafts	Y	Deleted in 1346.0303.8.	N	N	Change to read mechanical systems shall be installed in an elevator shafts as allowed in MR1305	Repealed Minnesota amendment and accepted CCP			Brian submitted CCP
47		304.11	Guards	N	Added language in to 2021 for roof hatches and remains in the 2024	N	N	Accept: Referenced in the 2024 IBC 1015.7 Roof access	A			
48		Table 305.4	Piping support spacing	N	Changed the table in the 2024 removing PB	N	N	A	A			
49		305.5	Protection against physical damage	N	Change verbiage in the 2024 changing the 1 1/2" to 1 1/4"	N	N	A	A			Decided not to change
50		305.5.1	Shield plates	N	Added a section addressing steel plates in the 2024	N	N	A	A			
51		306.1	Access and service space	N	Changed verbiage in the 2024	N	N	A	A			
52	1346.0306.5	306.5	Mechanical equipment and appliances on roofs and elevated structures	Y	2024 changed verbiage. Minnesota amended.	N	N	Keep model code language and add language to allow the same required for access to uninhabited spaces such as alternating tread and ships ladders. IBC 1011.14 and 1011.15.				CCP needed, remove amended language for Item 6 Britt and I will propose CCP to align IBC with IMC. Keep aligned with IFGC. IBC changed language will need CCP to align 10-23-24 note to copy to IFGC
53	1346.0306.5.1	306.5.1	Sloped roofs	Y		N	N	Remove amendment. Keep model code language.				CCP needed, remove amended language for Item 6 Britt and I will propose CCP to align IBC with IMC. Keep aligned with IFGC. IBC changed language will need CCP to align 10-23-24 note to copy to IFGC
54	1346.0306.5.2	306.5.2	Electrical requirements	Y		N	N	Remove amendment. Keep model code language.	AM			CCP needed, remove amended language for Item 6 Britt and I will propose CCP to align IBC with IMC. Keep aligned with IFGC. IBC changed language will need CCP to align 10-23-24 note to copy to IFGC
55	1346.0306.5.3		Permanent ladders	Y		N	N	AM: Add same requirements as discussed in IMC 306.5				CCP needed, remove amended language for Item 6 Britt and I will propose CCP to align IBC with IMC. Keep aligned with IFGC. IBC changed language will need CCP to align 10-23-24 note to copy to IFGC

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56		307.1.1	Identification	N	Added verbiage in the 2021, copied in the 2024	N	N	A	A				
57		307.2.1.1	Condensate discharge	N	Added a section addressing condensate discharge location	N	N	A	A				
58		307.2.2	Drain pipe materials and sizes	N	Changed verbiage in the 2021 and copied in the 2024. No large changes.	N	N	A	A				
59		307.2.3.3	Identification	N	Added verbiage in the 2021, copied in the 2024	N	N	A	A				
60	1346.0307.3	307.3	Condensate pumps	Y	Minnesota removed the code section regarding the installation of condensate pumps.	N	N	Advise adding language prohibiting condensate pumps in areas prone to freezing, leaving the last sentence.	A			Staff will write CCP align with IFGC. 10/23/24 IFGC did not change. Staff does not need CCP. Retain deleted language	
61		308.4.2.5	Kitchen exhaust ducts	N		N	N	Advise amending this section to remove language referring to Section 506.3.11.1 as Minnesota does not adopt the model code language in Section 506 for commercial kitchen hood ventilation requirements	Delete section			Delete	
62	1346.0309.2		Balancing	Y	The 2021 and copied in 2024 added Section 608 that is titled Balancing.	N	N	Advise we move the amendments MR1346.0309.2, MR1346.0309.2.1, 1346.0309.2.2 and MR1346.0309.2.3 to IMC 608 and revise.	Repeal and replace with CCP			CCP approved 7/22/24	
63	1346.0401.2	401.2	Ventilation required	Y	The 2021 changed verbiage that was copied in the 2024.	N	N	Since we are moving the residential mechanical provisions to the IRC, the section will need to be reviewed and revised.	A				
64	1346.0401.2.1		Ventilation in IRC	Y		N	N	Since we are moving the residential mechanical provisions to the IRC, the section will need to be reviewed and revised.	Repeal				
65	1346.0401.2.2		Ventilation in Group R-2, R-3 and R-4 occupancies three stories and less in height	Y				Since we are moving the residential mechanical provisions to the IRC, the section will need to be reviewed and revised.	Repeal				
66	1346.0401.2.3		Ventilation in Group R-2, R-3 and R-4 occupancies more than three stories in height	Y				Since we are moving the residential mechanical provisions to the IRC, the section will need to be reviewed and revised.	Repeal				
67	1346.0401.4	401.4	Intake opening location	Y	2021 revised verbiage as well as 2024.	N	N	Review, suggest adopting model code language.	A				
68		403.2.1	Recirculation of air	N	2021 changed verbiage to add ANSI/ACCA 10 Manual SPS and remains in the 2024.	N	N	A	A				
69	1346.0403.3	403.3	Outdoor air and local exhaust airflow rates	Y	Minnesota amendment references MR1346.0401.2.2.	N	N	Suggest adopting model code language since MR1346.0401.2.2 will be revised or deleted	A				

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70		403.3.1	Other buildings intended to be occupied	N	2024 verbiage change.	N	N	A	A				
71		Table 403.3.1.1	Minimum Ventilation Rates	N	The 2024 added details to the table including animal facilites, outpatient healthcare facilities and other changes.	N	N	A	A				
72		403.3.1.3	System operation	N	Changes to verbiage in the 2021 kept in 2024 regarding occupied times	N	N	A	A				
73		403.3.1.5	Balancing	N	This section was removed in the 2021 and also in the 2024. Balancing has been moved to Section 608	N	N	A	A				
74	1346.0403.3.2	403.3.2	Group R2, R3 and R4 occupancies, three stories and less	Y	Minnesota removed the code requirement in the 2018 IMC. The 2015 Residential Energy Code is changing to remove ventilation from the code provisions. 2024 changed model code language.	N	N	The IMC will need to address these occupancies. Also will need to have the IRC mechanical provisions aligned.	AM			CCP from Mike Moore 6/10/24	
75	1346.0403.3.2	403.3.2.1	Outdoor air for dwelling units	Y	Minnesota removed the code requirement in the 2018 IMC. The 2015 Residential Energy Code is changing to remove ventilation from the code provisions. 2021 changed model code language, as did 2024.	N	N	The IMC will need to address these occupancies. Also will need to have the IRC mechanical provisions aligned.	AM			CCP from Mike Moore 6/10/24	
76	1346.0403.3.2	403.3.2.2	Outdoor air for other spaces	Y	Minnesota removed the code requirement in the 2018 IMC. The 2015 Residential Energy Code is changing to remove ventilation from the code provisions.	N	N	The IMC will need to address these occupancies. Also will need to have the IRC mechanical provisions aligned.	AM			CCP from Mike Moore 6/10/24	
77	1346.0403.3.2	403.3.3.3	Local Exhaust	Y	Minnesota removed the code requirement in the 2018 IMC. The 2015 Residential Energy Code is changing to remove ventilation from the code provisions.	N	N	The IMC will need to address these occupancies. Also will need to have the IRC mechanical provisions aligned.	AM			CCP from Mike Moore 6/10/24	
78		Table 403.3.2.3	Minimum required local exhaust rates for group R-2, R-3 and R-4 occupancies	Y	Table was amended out of the 2020 Minnesota Mechanical Code. Continuous airflow amounts in the table increased in the 2024 IMC.	N	N	Repeal Minnesota amendment, adopt as written.	AM			CCP from Mike Moore 6/10/24	
79	1346.0403.3.2	403.3.2.4	System controls	Y	Minnesota removed the code requirement in the 2018 IMC. The 2015 Residential Energy Code is changing to remove ventilation from the code provisions.	N	N	The IMC will need to address these occupancies. Also will need to have the IRC mechanical provisions aligned.	AM			CCP from Mike Moore 6/10/24	
80	1346.0403.3.2	403.3.2.5	Ventilating equipment	Y	Minnesota removed the code requirement in the 2018 IMC. The 2015 Residential Energy Code is changing to remove ventilation from the code provisions.	N	N	The IMC will need to address these occupancies. Also will need to have the IRC mechanical provisions aligned.	AM			CCP from Mike Moore 6/10/24	
81	1346.0404.1	404.1	Enclosed parking garages	Y	Minnesota amended to add trigger amounts.	N	N	Amended to add the .05 continuous as in model code language.	Keep amendment				
82	1346.0404.3		Minimum exhaust	Y	Minnesota amendment	N	N	Amendment not needed	Repeal			Amendment not needed as the amounts are adressed in Table 403.3.1.1	

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83	1346.0404.4		Prohibition of heated commercial parking garages	Y	Minnesota amendment	N	N	Renumber	Renumber				
84		407	Ambulatory care facilities and Group I-2 occupancies	N	Changes in the 2021 and in the 2024 adding NFPA 99	N	N	A	A				
85		501.2	Independent system required	N	Changed verbiage in the 2021, copied in the 2024.	N	N	A	A			Lewis Johnson will revisit with CCP. Consensus was to not approve CCP	
86	1346.0501.3	501.3	Exhaust discharge	Y	Minnesota amended language to add public nuisance, add a backdraft damper and remove 2 of the 3 exceptions.	N	N	AM: Remove exception 1. Backdraft damper are required in ASHRAE 90.1 Table 6.4.3.4.3. Remove remaining Minnesota Amendment.	Repeal and replace with CCP			John Smith wrote CCP. Consensus was to approve CCP 5-20-24	
87		501.3.1	Location of exhaust outlets	N	Changes in the 2021 and the 2024	N	N	A	A				
88	1346.0501.4	501.4	Pressure equalization	Y	Minnesota amended this section.	N	N	The following Minnesota amended sections, 501.4.1, 501.4.2, 501.4.2.1, 501.4.2.2, 501.4.2.3, 501.4.2.4, 501.4.2.5, 501.4.2.6, 501.4.3, Table 501.4.1, Table 501.4.2, Table 501.4.3(1), Table 501.4.3(2) and Table 501.4.3(3) will be revisited when the IRC mechanical provisions are discussed.	Move to IRC mechanical and amend as necessary				
89		501.6	Common ducts	N	Added section in the 2024	N	N	A	A				
90		502.9.5	Flammable and combustible liquids	N	2021 added an exception addressing breweries	N	N	A	A				
91		502.20.1	Operation	N	2021 added a section and the 2024 kept the change requiring exhaust system to remain operational when occupied	N	N	A	A				
92		504.2	Exhaust penetrations	N	2024 changed verbiage to include draftstops	N	N	A	A				
93		504.4.1	Termination location	N	2021 added another section, kept in the 2024	N	N	A	A				
94		504.6	Booster fans prohibited	N	2021 added a section, remained in the 2024 to prohibit booster fans for dryers. The following sections are renumbered. See section 504.5.	N	N	A	A				
95		504.8	Protection against physical damage	N	Change verbiage in the 2024 changing the 1 1/4" to 1 1/2"	N	N	A	A				
96		504.8.1	Shield plates	N	2024 added a subsection that was part of the original 504.8	N	N	A	A				
97		504.10.	Commercial clothes dryers	N	2024 added UL 2158A listing.	N	N	A	A				
98	1346.0505.2	505.2	Domestic cooking exhaust	Y	Minnesota added another exception for domestic kitchen exhaust hoods.	N	N	Remove amendment. Keep model code language.	A				
99		505.3	Exhaust ducts	N	2021 added language that was revised again in 2024	N	N	A	A			Table for further review. Staff concluded an amendment is not necessary.	
100		505.7	Group I-1 occupancies	N	2024 added a section addressing I-1 occupancies. Building code section 904.15.1.1 references UL 300A.	N	N	Align the IMC with the Building Code regarding UL 300A requirements.	A				
101		505.8	Group I-2 occupancies	N	2024 added a section addressing I-2 occupancies. Building code section 904.15.1.1 references UL 300A.	N	N	Align the IMC with the Building Code regarding UL 300A requirements.	A				

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102		506.2	Corrosion protection	N	2024 added exhaust equipment to the section	N	N	A	A				
103	1346.0506.3	506.3	Ducts serving Type I hoods	Y	Minnesota removed model code language 506.3 adding reference to NFPA 96 and ASHRAE 154.	N	N	Keep amendment	Keep amendment				
104	1346.0506.4	506.4	Ducts serving Type II hoods	Y	Minnesota added a reference to ASHRAE 154 to this section.	N	N	Keep amendment	Keep amendment				
105	1346.0506.4.1	506.4.1	Ducts	Y	Minnesota added a reference to MR1346.0504.1.1, Testing.	N	N	Modify amendment as needed providing guidance.				CCP approved 7/22/24- 11/4/24, Staff to write CCP	
106	1346.0506.4.1.1		Testing	Y		N	N	Modify amendment as needed providing guidance.	AM			CCP approved 7/22/24	
107	1346.0506.5	506.5	Exhaust equipment	Y		N	N	Modify amendment to include IMC 506.5.2.	Accept amendment			Staff will write CCP to include 506.5.2, pollution-control units, into code	
108	1346.0507	507	Commercial Kitchen Hoods	Y		N	N	Keep amendment	Repeal and amend			2 CCP, John Smith CCP was approved in consensus and Staff CCP was approved unanimously 7/22/24	
109	1346.0508.1	508.1	Makeup air	Y		N	N	Keep amendment	AM			CCP approved 9/9/24	
110	1346.0508.1.1	508.1.1	Makeup air temperature	Y		N	N	Visit amendment to follow the model code language regarding the 10 degrees. Would also address cooling of the air	AM			CCP approved 9/9/24	
111	1346.0508.1.2		Makeup and ventilation air distribution	Y		N	N	Keep amendment and following sections in 508	Repeal				
112	509		Fire suppression systems	N	2024 removed IMC 509. The section references the IBC and IFGC.	N	N	A	A				
113		509	Hazardous exhaust systems	N	2024 changed code section by removing 509	N	N	A	A				
114	1346.0510.1	509.1	Exception	Y	Minnesota added an exception regarding NFPA 45	N	N	A	Keep amendment, renumber to 509.1 as the model code changed				
115	510.4	509.4	Independent system	N	2021 removed code section, 2024 followed	N	N	A	A				
116	510.6.5	509.5.5	Makeup air	N	2021 changed language allowing makeup air by gravity as well as mechanically and renumbered in 2024	N	N	A	Accept CCP			Staff will provide CCP	
117	511	510	Dust, stock and refuse conveying systems	N	2024 changed numbering sequence	N	N	A	A				
118	511.1	510.1	Dust, stock and refuse conveying systems	N	2021 added International Fire Code to the section, 2024 kept the change	N	N	A	A				
119	511.1.5	510.1.5	Explosion control	N	2021 changed the heading and verbiage inside the section, kept in the 2024	N	N	A	A				
120	1346.0512.1		Radon	Y	Minnesota added an amendment regarding radon.	N	N	Delete amendment. 1303 has the requirements	Repeal A			We need to keep as plastic pipe is allowed along with other requirements not specified in this section. Add to IRC mechanical provisions.	
121	514.2	513.2	Prohibited applications	N	2021 removed Type 2 from item 4, copied in the 2024	N	N	A	A				
122		601.2	Air movement in egress elements	N	2021 changed exception 4 to reference ASHRAE 170, copied in the 2024	N	N	A	A				
123		601.5	Return air openings	N	2024 changed item 2 adding clarification	N	N	A	A				
124		601.5	Return air openings	N	2024 changed item 7 removing closet and adding clarification	N	N	A	A				
125		601.5	Return air openings	N	2024 changed adding new items 8 and 9 for closet returns moving the pool to item 10	N	N	A	A				
126		601.5	Return air openings	N	2024 changed verbiage for swimming pools	N	N	A	A				

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Chapter 1346 Mechanical and Fuel Gas Code, Mechanical Code Portion										To be completed by TAG members			
Item No.	Minnesota Code Section	"I" Code Section	Subject	Current Minnesota 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	Stakeholder Consensus	Comments	
				Y or N		N=None, L=Low M=Med, H=High	Y or N		Y or N				
127		601.5	Return air openings	N	2024 changed verbiage for exception 1 and 2 for clarification	N	N	A	A				
128		601.5	Return air openings	N	2021 changed verbiage for exception 2, kept in the 2024	N	N	A	A				
129		602	Plenums	N	2021 changed verbiage, copied in the 2024. The 2024 revised the entire section	N	N	A	A				
130	1346.0602.2.1.9		Piping in plenums	Y	Minnesota amendment	N	N	Remove amendment, keep model code language	Repeal				
131		603.5.1	Gypsum ducts	N	2021 added verbiage, copied in the 2024	N	N	A	A				
132	1346.0603.8.4		Drainage and insulation	Y	Minnesota added a amendment.	N	N	A	AM				
133	1346.0603.18.3		Adjustment of volume dampers	Y		N	N	Remove this amendment. Not needed as a code requirement. Or provide a definition of what a friction-type register box is.	Repeal				
134	1346.0604.1	604.1	Insulation	Y	Minnesota amendment to be brought forward	N	N	Revisit amendment to address duct insulation per the energy code.	Repeal				
135	1346.0604.3	604.3	Coverings and linings	Y	2021 and 2024 have changed verbiage to move closer to our amendment	N	N	Minnesota amendment to be removed as it references residential provisions.	Repeal				
136		607.2	Installation	N	2021 changed verbiage, copied in the 2024	N	N	A	Table				
137		607.2.3	Static dampers	N	2021 added a code section, remains in the 2024	N	N	A	Table				
138		607.2.4	Mechanical, electrical and plumbing controls	N	2024 added a new code section	N	N	A	Table				
139		607.2.4.1	Controls not permitted to be installed through dampers	N	2024 added a new code section	N	N	A	Table				
140		607.3.1	Damper testing	N	2021 changed verbiage, remains in the 2024	N	N	A	Table				
141		607.3.3.1	Fire damper activation	N	2021 changed verbiage and heading, remains in the 2024	N	N	A	Table				
142		607.4	Access and identification	N	2021 changed section and added subparts to the section, remains in the 2024	N	N	A	Table				
143		607.5.2	Fire barriers	N	2021 changed verbiage (flexible ducts), remains in the 2024	N	N	A, verify language in the IBC Tag group recommendations.	Table				
144		607.5.5	Shaft enclosures	N	2021 changed verbiage in exception 1.1 and 2, remains in the 2024	N	N	A, verify language in the IBC Tag group recommendations.	Table				
145		607.5.5.1	Continuous upward flow	N	Added a subsection to 607.5.5 in the 2021 and remains in the 2024	N	N	A, verify language in the IBC Tag group recommendations.	Table				
146		607.5.5.2	Enclosure at the bottom	N	2021 relocated the from 607.5.5.1 and remains in the 2024	N	N	A, verify language in the IBC Tag group recommendations.	Table				
147	1346.0607.6.1	607.6.1	Through penetrations	Y	2024 changed verbiage	N	N	A, verify language in the IBC Tag group recommendations.	Table				
148		607.6.2.1.1	Dynamic systems	N	2021 added subpart, remains in the 2024.	N	N	A, verify language in the IBC Tag group recommendations.	Table				

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				Y or N		N=None, L=Low M=Med, H=High			Y or N	Y or N			
149		607.6.2.1.2	Static systems	N	2021 added subpart, remains in the 2024.	N	N	A, verify language in the IBC Tag group recommendations.	Table				
150		607.6.3	Nonfire-resistance-rated floor assemblies	N	IBC has an amendment	N	N	A, verify language in the IBC Tag group recommendations.	Table				
151		608	Balancing	N	2021 added a stand alone balancing section, remains in the 2024	N	N	Consider an amendment	AM			CCP 7/22/24	
152	MR1346.0801.10	801.10.	Connection to fireplace	Y	Minnesota amended.	N	N	Recommend following model code language. Not Minnesota specific	Repeal				
153		801.21	Blocked vent switch	N	2021 added a section, remains in the 2024	N	N	A	A				
154	MR1346.0901.5		Unvented heaters and appliances	Y	Keep Minnesota amendment	N	N	A	A				
155		905.1	Fireplace, stoves and heaters	N	2021 added verbiage, remains in the 2024	N	N	A	Table			Brian will review	
156		907.1	Incinerators and crematories	N	2024 changed verbiage	N	N	A	A				
157		908.1	Cooling towers, evaporative condensers and fluid coolers	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
158		912.1	Infrared radiant heaters	N	2024 changed verbiage	N	N	A	A				
159		912.2	support	N	2024 changed verbiage from infrared radiant heaters to electric heaters since this is not fuel gas	N	N	A	A				
160		916.1	Pool and spa heaters	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
161		918.1	Forced-air warm-air furnaces	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
162		918.2	Heat pumps	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
163		920.4	Unit heaters	N	New section in the 2021, remains in the 2024	N	N	Need to verify how this applies to electric suspended-type unit heaters.	A				
164		929.1	Unvented alcohol fuel-burning decorative appliance	N	New section in the 2021, remains in the 2024	N	N	A	?			Tim will review	
165		930	Large diameter ceiling fans	N	2021 renumbered from 929, remains in the 2024	N	N	A	Table			Brian will write CCP adding NFPA 13, add NFPA 13 to reference standard	
166		931	Steam bath equipment	N	New section in the 2024	N	N	A	A				
167	MR1346.1001.1	1001.1	Boilers	Y	Minnesota amends this section, also revised in the 2024.	N	N	A	Table			Staff will write CCP	
168	MR1346.1001.2		Boilers	Y	Minnesota amendment,	N	N	Visit amendment to follow direction from Boiler and HPP divisions	Table			Staff will write CCP	
169	MR1346.1001.3		Pressure vessels	Y	Minnesota amendment	N	N	Need revisions to follow the State Boiler and HPP individuals, also revisit scoping references, need CCP	Table			Staff will write CCP	
170		1002.4	Water heater pan required	N	2024 added a section	N	N	Add amendment to address pan drainage as required in the Minnesota State Plumbing Code	Table			Kevin will write CCP	
171	MR1346.1004.1	1004.1	Standards	Y	Minnesota amends this section, also revised in the 2021,	N	N	A	Repeal				

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				Y or N		N=None, L=Low M=Med, H=High			Y or N	Y or N			
171(a)	MR1346.1004.2	1004.2	Installation	Y	Minnesota amends to include Chapter 16, which was repealed by TAG	N	N	Repeal amendment				table Tim	
172	MR1346.1006.4	1006.4	Approval of safety and safety relief valves	Y	Minnesota amendment	N	N	Revert to model code language	Repeal				
173	MR1346.1006.6	1006.6	Safety and relief discharge	Y	Minnesota amendment. Also 2024 changed verbiage	N	N	Revert to model code language	Repeal				
174	MR1346.1006.9	1006.9	Boiler shutdown switch	Y	Minnesota amendment	N	N	Visit amendment to follow direction from Boiler and HPP divisions	Keep amendment				
175	MR1346.1007.1	1007.1	Boiler low water cutoff	Y	Minnesota amendment	N	N	Revert to model code language	Repeal				
176	MR1346.1011.1	1011.1	Tests	Y	Minnesota amendment	N	N	Revert to model code language	Repeal				
177	MR1346.1101.1	1101.1	Refrigeration	Y	Minnesota amends, 2021 changed verbiage, as well as 2024 changed verbiage.	N	N	Review, suggest adopting model code language	Table			Staff will write CCP remove amendment and add statute 326b.106	
178		1101.1.1	Refrigerants other than ammonia	N	2021 added section, 2024 revised verbiage from the 2021	N	N	A	Table			CCP by Brian. Adding ASHRAE 15.2	
179		1101.1.2	Ammonia refrigerant	N	2021 added section, 2024 revised verbiage from the 2021	N	N	Add amendment to follow direction from HPP division	Table			John will write CCP	
180		1101.2	Factory-built equipment and appliances	N	2021 added verbiage, remains in the 2024	N	N	A	A				
181		Table 1101.2	Factory-built equipment and appliances	N	Table changed in the 2021, remains in the 2024	N	N	A	A				
182		1101.2.1	Group A2L, A2, A3 and B1 high-probability equipment	N	2024 added a section	N	N	A	A				
183		1101.6	Refrigeration general	N	2021 removed this section, still removed in 2024	N	N	A	A				
184		1101.6	Maintenance	N	2021 renumbered from 1101.7. 2024 changed verbiage	N	N	A	A				
185		1101.7	Change in refrigerant type	N	2024 changed heading and verbiage	N	N	A	A				
186		1102.1	System requirements	N	2024 changed verbiage	N	N	A	A				
187		1102.2.1	Mixing	N	2024 changed verbiage	N	N	A	A				
188		Table 1103.1	Refrigerant classification, amount and OEL	N	2021 changed parts of the table and footnotes as well as 2024	N	N	A	A				
189		Section 1104	Refrigeration System Application Requirements	N	2024 changed the title	N	N	A	A				
190		1104.2	Machinery room	N	2024 changed verbiage	N	N	A	A				
191		1104.2.2	Industrial occupancies and refrigerated rooms	N	2021 changed verbiage and 2024 also changed verbiage	N	N	A	A				
192		1104.3.1	Air conditioning for human comfort	N	2024 changed verbiage and layout	N	N	A	A				
193		1104.3.2	Group A2, A3, B2 and B3 refrigerants	N	2024 changed heading and verbiage	N	N	A	A				
194		1104.3.3	All occupancies	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
195		1104.3.4	Protection from refrigerant decomposition	N	2021 changed verbiage in exception 1, remains in the 2024	N	N	A	A				
196		1105.6.3	Ventilation rate	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
197		1105.8	Ammonia discharge	N	2021 removed the section, copied in the 2024	N	N	A	A				
198		1105.9	Emergency pressure control system	N	2021 renumbered to 1109.8 and changed verbiage, remains in the 2024	N	N	A	A				
199		1105.9	Means of egress	N	2021 added a section, copied in the 2024	N	N	A	A			OK to keep as no issues with IBC	

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				Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
200		1106.3	Ammonia room ventilation	N	2021 removed section, still removed in the 2024. renumbered following sections	N	N	A	A				
201		1106.4	Flammable refrigerants	N	2021 changed verbiage, renumbered section to 1106.3. 2024 renamed section to Class 2 and 3 refrigerants and verbiage	N	N	A	A				
202		1106.4	Group A2L and B2L refrigerants	N	2021 changed verbiage. 2024 removed changes to the 2021 and added a new section	N	N	A	A				
203		1106.4.1	Elevated temperatures	N	2021 changed verbiage. 2024 removed changes to the 2021 and added a new section	N	N	A	A				
204		1106.4.2	Refrigerant detector	N	2024 added a section	N	N	A	A				
205		Table 1106.5.2	Minimum exhaust rates	N	2021 revised table, 2024 removed table and replaced with Table 1106.4.2 Group A2L and	N	N	A	A				
206		1106.4.3	Mechanical ventilation	N	2024 added a section and removed 1106.5.3	N	N	A	A				
207		1107	Piping materials	N	2021 changed the entire section, 2024 made revisions to the entire section.	N	N	A	A				
208		1108	Joints and connections	N	2021 changed the entire section, 2024 made revisions to the entire section.	N	N	A	A				
209		1109	Refrigerant pipe installation	N	2021 changed the entire section, 2024 made revisions to the entire section.	N	N	A	A				
210		1110	Refrigerant piping system test	N	2021 changed the entire section, 2024 made revisions to the entire section.	N	N	A	A				
211	1109	1111	Periodic testing	N	2021 renumbered section to 1111, remains in the 2024	N	N	A	A				
212		1201.1	Hydronic piping	N	2024 changed verbiage	N	N	A	A				
213		Table 1202.4	Hydronic pipe	N	2021 changed table as did 2024	N	N	A	A				
214		Table 1202.5	Hydronic pipe fittings	N	2021 changed table as did 2024	N	N	A	A				
215		1203.3.4	Solvent-cemented joints	N	2021 changed verbiage as did 2024	N	N	A	A				
216		1203.7	CPVC plastic pipe	N	2021 changed verbiage remains in the 2024	N	N	A	A				
217		1203.8	CPVC/AL/CPVC plastic pipe	N	2021 added section, renumbered rest of section remains in the 2024	N	N	A	A				
218		1203.8	Polybutylene plastic pipe and tubing	N	2024 removed section, renumbered rest of section	N	N	A	A				
219		1203.9.3	Push-fit fittings	N	2021 renamed section and changed verbiage, remains in 2024	N	N	A	A				
220		1203.13	Stainless steel pipe	N	2024 added section, renumbered rest of section	N	N	A	A				
221		1203.14	Stainless steel tubing	N	2024 added section, renumbered rest of section	N	N	A	A				
222		1203.16.3	Push-fit fittings	N	2021 changed verbiage, copied in the 2024	N	N	A	A				
223		1205.1	Where required	N	2024 changed verbiage	N	N	A	A				
224	MR1346.1205.1.6	1205.1.6	Expansion tanks	Y	Minnesota Amendment	N	N	Revert to model code language	Repeal				
225	MR1346.1206.1.1		Prohibited tee applications	Y	Minnesota Amendment	N	N	Revert to model code language	Repeal				
226	MR1346.1206.1.2		Draining and venting	Y	Minnesota Amendment almost copies 1206.2	N	N	Revert to model code language	Repeal				
227		1209.1	Materials	N	2024 changed verbiage	N	N	A	A				
228		1209.3.3	Polybutylene joints	N	2024 removed section and renumbered rest of section 1209.3	N	N	A	A				
229		1209.5	Insulation and thermal break required	N	2021 changed heading and verbiage, remains in the 2024	N	N	A	A				
230		1209.5.2	Insulation material marking	N	2021 changed heading and verbiage, remains in the 2024	N	N	A	A				
231		1209.6	Radiant tubing placement	N	2024 added a new section	N	N	A	A				

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				Y or N		N=None, L=Low M=Med, H=High			Y or N	Y or N			
232		1209.6.1	Radiant tubing circuit length	N	2024 added a new section	N	N	A	A				
233		Table 1209.6.1	Maximum circuit length of radiant tubing...	N	2024 added a new table	N	N	A	A				
234		1209.6.2	Radiant tubing circuit tags	N	2024 added a new section	N	N	A	A				
235		1209.6.3	Radiant tubing drawings	N	2024 added a new section	N	N	A, consider an amendment to align with balancing requirements in 608	A				
236		1209.7	Snow-and ice-melt tubing placement	N	2024 added a new section	N	N	A	A				
237		1209.7.1	Snow-and ice-melt tubing circuit length	N	2024 added a new section	N	N	A	A				
238		Table 1209.7.1	Maximum circuit length of snow and ice-ment tubing...	N	2024 added a new table	N	N	A	A				
239		1209.7.2	Snow-and ice-melt tubing drawings	N	2024 added a new section	N	N	A, consider an amendment to align with balancing requirements in 608	A				
239a		1210	Plastic pipe ground-source heat pump loop systems	N	no change	N	N	Need CCP to address scoping					
240		Table 1210.4	Ground-source loop pipe	N	2021 revised table adding standards as did 2024	N	N	A	A			Need to check with published MDH rules to verify continuity	
241		Table 1210.5	Ground-source loop pipe fittings	N	2021 revised table adding standards as did 2024	N	N	A	A			Need to check with published MDH rules to verify continuity	
242		1210.6	Joints	N	2024 changed verbiage	N	N	A	A			Need to check with published MDH rules to verify continuity	
243		1210.6.2	Preparation of pipe ends	N	2021 changed verbiage, remains in the 2024	N	N	A	A			Need to check with published MDH rules to verify continuity	
244		1210.8	Installation	N	2021 added standard, remains in the 2024	N	N	A	A			Need to check with published MDH rules to verify continuity	
245		1211	Hydronic balancing	N	New section regarding hydronic balancing	N	N	A	A			CCP from John Smith approved 7/22/24	
245		1301.4	Fuel tanks, piping, fitting and valves	N	2021 changed heading and verbiage, remains in the 2024	N	N	A	A				
246		Table 1302.3	Fuel oil piping and fittings	N	2021 changed heading and verbiage, remains in the 2024	N	N	A	A				
247		1302.8	Flexible connectors and hoses	N	2021 removed standard, remains in the 2024	N	N	A	A				
248		1302.9	Piping systems	N	2021 added a section, remains in the 2024	N	N	A	A				
249		1303.3	Joint preparation and installation	N	2021 added press-joint connect, remains in the 2024	N	N	A	A				
250		1303.3.2	Mechanical joints	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
251		1303.3.5	Press-connect joints	N	2021 added press-joint connect, remains in the 2024	N	N	A	A				
252		1303.4	Copper or copper-alloy tubing	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
253		1303.7	Steel and stainless steel pipe	N	2021 added stainless steel and verbiage remains in the 2024	N	N	A	A				
254		1303.8	Steel and stainless steel tubing	N	2021 added stainless steel and verbiage remains in the 2024	N	N	A	A				
255		1402.8.1.2	Roof-mounted solar thermal collectors and systems	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
256		1404	Labeling	N	2021 changed verbiage, remains in the 2024	N	N	A	A				

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				Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
257		Chapter 15	Referenced Standards	Y	2021 and 2024 changed the section. Minnesota amends as well.	N	N	Need to change the amendment to reference the latest standards. NFPA 96 ASHRAE 154 and others	A				
258	1346.1600.		Installation and testing of oil or liquid fuel-fired equipment	Y		N	N	Delete amended chapter. The model code language refers us to standards that lay out requirements. Amendment is not unique to Minnesota's climate, to encourage more uniform enforcement, or to remedy an existing problem	Repeal minnesota amendment			Delete chapter 16	
259	Index							Need to verify the index is up to date with the changes					
260	1346.0313		Carbon monoxide alarms	Y	Amendment need revisiting	N	N	Need to make changes to meet 1305	TABLE				

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				Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N		
1	1346.5101		Systems, appliances, and equipment outside the scope	Y		N	N	Items 1 and 13 address LP gas but nothing on natural gas. Suggest amending to remove items 1 and 13 to help insure life safety and prevent property loss and to align with fire code. Need to add a reference to NFPA 501A (manufactured structures)				Table NFPA 501A for consideration when we get to item 149. No action will be needed if we remove 1346.6000 as an amendment.
2	1346.0201.4	201.4	Terms not defined	Y	Chapter 1300 is looking to change the definition	N	N	Need to table and revisit when the MN rules 1300 makes a decision				Table
3		202	Approved agency	N	2024 changed verbiage	N	N	Follow IMC language	A			
4		202	Listed	N	2024 changed verbiage	N	N	Follow IMC language	A			
5		202	Peer review	N	2024 added a definition	N	N	Follow IMC language	A			
6		202	Point of delivery	N	2021 changed verbiage, remains in the 2024	N	N	Accept: Very minor changes	A			
7		202	Press-connect joint	N	2021 added a definition, remains in the 2024	N	N	Follow IMC language	A			
8		202	Regulator, monitoring	N	2021 changed verbiage, remains in the 2024	N	N	Accept: Very minor changes	A			
9		202	Service meter assembly	N	2021 added a definition, remains in the 2024	N	N	Accept: Provides clarity	A			
10		202	System shutoff	N	2021 added a definition, remains in the 2024	N	N	Accept: Provides clarity	A			
11		202	Thermostat	N	2021 changed by adding integral gas valve type, remains in the 2024	N	N	A	A			
12		202	Valve	N	2021 changed definition of service shutoff, remains in the 2024	N	N	Accept: Very minor changes	A			
13		302.3	Cutting, notching and boring in wood members	N	2024 changed verbiage	N	N	Follow IMC language	A			
14		302.3.2	Joist notching and boring	N	2024 removed section	N	N	A	A			
15		302.3.3	Stud cutting and notching	N	2024 removed section	N	N	A	A			

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To be completed by Chair								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			
16		302.3.4	Bored holes	N	2024 removed section	N	N	A	A				
17		302.6	Cutting and notching in cold-formed steel framing	N	2024 changed verbiage adding AISI S240 and AISI S220	N	N	A	A				
18		302.7	Cutting, notching and boring in non-structural cold-formed steel wall framing	N	2024 removed section	N	N	A	A				
19	1346.5303.3.1	303.3.1	Fireplaces and decorative appliances in group I-2 occupancies	N	2021 changed verbiage, remains in the 2024	N	N	Visit the 2020 SONAR. Will changes in the 2021 IFGC be sufficient?				Table	
20	1346.5304.1	304.1	Combustion, ventilation and dilution air, general	Y	2024 changed verbiage, Minnesota has an amendment.	N	N	Need to revisit and make changes as required to follow IRC mechanical language				Have same language in G2407.5, G2707.5.1, G2407.5.2, G2407.5.3, G2407.5.3.1, G2407.5.3.2	
21	1346.5304.6.1	304.6.1	Two-permanent-openings method	Y	Minnesota amendment	N	N	Review to see if anyone would use the method and if they choose, what is the issue? Thinking of a boiler room for example				Tim and John CCP	
22	1346.5304.6.2	304.6.2	One-permanent-opening method	Y	Minnesota amendment	N	N	A: History might not be a reason to keep amendment.				Tim and John CCP	
23		304.8	Engineering installations	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
24	1346.5304.11	304.11	Combustion air ducts	Y	Minnesota amendment	N	N	Revisit to make necessary changes				Tim and John CCP	
25		304.12	Protection from fumes and gases	N	2024 changed verbiage	N	N	A	A				
26		306.1	Access for maintenance and replacement	N	2024 changed verbiage	N	N	A	A				
27	1346.5306.5	306.5	Mechanical equipment and appliances on roofs and elevated structures	Y	Minnesota amendment	N	N	Follow IMC language				Verify IMC language Staff will write CCP	

New Changes in Mechanical Fuel Gas Code TAG Review Worksheet

Model Code: 2024 IFGC

To be completed by Chair										To be completed by TAG members			
Item No.	Minnesota Code Section	"I" Code Section	Subject	Current Minnesota 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	Stakeholder Consensus	Comments	
				Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
28	1346.5306.6	306.6	Guards	Y	2021 changed verbiage, remains in the 2024	N	N	Request removing the exception that allows fall arrest/restraint anchorage connection devices because of snow on roofs and the inability to find these devices.				Brian CCP	
29		307.2	Fuel-burning appliances	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
30		307.3	Drain pipe material and sizes	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
31	1346.5307.6	307.6	Condensate pumps	Y	Minnesoata deleted section	N	N	Follow IMC language	A			Keep amendment	
32		310.1	Pipe and tubing other than CSST	N	2024 changed verbiage	N	N	A	A				
33		310.3	Arc-resistant CSST	N	2024 changed verbiage	N	N	A	A				
34	1346.5311		Carbon monoxide alarms	Y	Minnesota amendment	N	N	Review and add changes, revise in IMC				Table, Brian will draft CCP	
35		401.5	Identification	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
36	1346.5401.5.1		Medium and high pressure identification	Y	Minnesota amendment	N	N	Suggest removing amendment as 401.5 model code language would require all pipe to be labeled.	Repeal				
37		402.3	Sizing	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
38		402.6	Allowable pressure drop	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
39		402.7	Maximum operating pressure	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
40	Table 402.4(2)A		Pipe sizing table for natural gas	Y	Minnesota amendment	N	N	Is there anywhere that this table is still needed? Research to see if amendment can be removed	A				
41		403.3	Other materials	N	2021 removed section and renumbered the rest of the section, not added to the 2024.	N	N	A	A				
42	1346.5403.4.2	403.3.2	Steel	Y	Minnesota amendment	N	N	Suggest removing amendment as the amendment is not Minnesota specific	Repeal				

New Changes in Mechanical Fuel Gas Code TAG Review Worksheet

Model Code: 2024 IFGC

To be completed by Chair								To be completed by TAG members					
Item No.	Minnesota Code Section	"I" Code Section	Subject	Current Minnesota 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	Stakeholder Consensus	Comments	
				Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
43		403.6	Workmanship and defects	N	2024 changed verbiage	N	N	A	A				
44	1346.5403.8	403.7	Protective coating	Y	Minnesota amendment	N	N	Minnesota amendment is more specific, no issues with removing or keeping amendment	Repeal				
45		403.8.3	Threaded joint sealing	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
46		403.9	Metallic piping joints and fittings	N	2024 changed verbiage	N	N	A	A				
47	1346.5403.10.1	403.9.1	Pipe joints	Y	Minnesota amendment	N	N	Suggest removing amendment as the amendment is not Minnesota specific	Repeal				
48		403.10.	Plastic pipe, joints and fittings	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
49		403.11.3	Nonferrous	N	2024 changed verbiage	N	N	A	A				
50		403.12.1	Flanges	N	2024 added a section, renumbered rest of section	N	N	A	A				
51		404.5	Fittings in concealed locations	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
52	1346.5404.6	404.6	Underground penetrations prohibited	Y	Minnesota amendment	N	N	Suggest removing amendment as the amendment is not Minnesota specific.	Repeal				
53		404.8.2	Conduit with both ends terminating indoors	N	2024 changed verbiage	N	N	A	A				
54		404.11.5	Prohibited use	N	2021 removed section, not added to the 2024.	N	N	A	A				
55	1346.5404.14	404.14	Piping underground beneath buildings	Y	Minnesota amendment	N	N	Suggest removing amendment as the amendment is not Minnesota specific.	Repeal				
56		404.14.2	Conduit with both ends terminating indoors	N	2024 changed verbiage	N	N	A	A				

New Changes in Mechanical Fuel Gas Code TAG Review Worksheet

Model Code: 2024 IFGC

To be completed by Chair								To be completed by TAG members					
Item No.	Minnesota Code Section	"I" Code Section	Subject	Current Minnesota 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	Stakeholder Consensus	Comments	
				Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
57		404.18	Pipe debris removal	N	2021 changed title and verbiage, kept in the 2024	N	N	A	A				
58	1346.5406.1.2	406.1.2	Alterations, repairs and additions	Y	Minnesota amendment	N	N	Visit the amendment and rewrite as needed or remove.	Repeal				
59		406.1.2	Repairs and additions	Y	2024 changed verbiage and header	N	N	Removed alterations. Need to review section following previous change.	A				
60	1346.5406.1.5	406.1.5	Regulators and valve assemblies	Y	Minnesota amendment	N	N	Minnesota removed section. Need to review.	Repeal				
61	1346.5406.4.1	406.4.1	Test pressure	Y	Minnesota amendment	N	N	A: review for any changes needed	Keep amendment			Cannot repeal without CCP, suggest keeping amendment as the vote to accept was so close	
62	1346.5406.4.2	406.4.2	Test duration	Y	Minnesota amendment	N	N	A: review for any changes needed	Repeal				
63	1346.5406.4.3		Test guages	Y	Minnesota added amendment	N	N	A: review for any changes needed	Keep amendment				
64		406.5.1	Detection methods	N	2024 changed verbiage	N	N	A	A				
65		406.7.3.1	Abandoned fuel gas piping	N	2024 added a new section	N	N	A	A				
66	1346.5409.1.4		Main shutoff valve	Y	Minnesota amendment	N	N	Repeal				Table John CCP	
67	1346.5409.2	409.2	Meter valve	Y	Minnesota amendment	N	N	Repeal				Table John CCP	
68	1346.5409.3.1	409.3.1	Multiple-tenant buildings	Y	Minnesota amendment	N	N	Repeal	Repeal				
69		409.5.3	Located at manifold	N	2024 changed verbiage	N	N	A	A				
70		409.6	Shutoff valve for laboratories	N	2024 changed verbiage	N	N	A: any thought on solenoids?	A				
71	1346.5410.3	410.3	Venting of regulators	Y	Minnesota amendment	N	N	Consider model code language	Keep amendment				
72		411.1	Connecting appliances	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
73		411.1.6	Unions	N	2024 changed verbiage	N	N	A	A				
74		F413.2.3	Residential fueling appliances	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
75		F413.2.4	Nonresidential fueling appliances	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
76		F413.4	Residential fueling appliance installation	N	2021 changed verbiage, remains in the 2024	N	N	A	A				

New Changes in Mechanical Fuel Gas Code TAG Review Worksheet

Model Code: 2024 IFGC

To be completed by Chair								To be completed by TAG members					
Item No.	Minnesota Code Section	"I" Code Section	Subject	Current Minnesota 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	Stakeholder Consensus	Comments	
				Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
77		F413.5	Nonresidential fueling appliance installation	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
78		416.3	Overpressure protection devices	N	2024 changed verbiage	N	N	A	A				
79		416.3.6	Size of fittings, pipe and openings	N	2024 changed verbiage	N	N	A	A				
80	1346.5501.7	501.7	Connection to Fireplace	Y	Minnesota amendment. 2024 changed verbiage.	N	N	Suggest removing or rewriting amendment as the requirement is not Minnesota specific.				Table Chris CCP	
81	1346.5501.8	501.8	Appliances not required to be vented	Y	Minnesota amendment	N	N	Suggest removing or rewriting amendment as the requirement is not Minnesota specific.	Keep amendment				
82	1346.5501.12	501.12	Residential and low-heat appliances flue lining systems	Y	Minnesota amendment	N	N	Suggest removing or rewriting amendment as the requirement is not Minnesota specific.	Repeal				
83	1346.5503.2.2	503.2.2	Well-ventilated spaces	Y	Minnesota amendment	N	N	Minnesota removed section. Could be detrimental for direct-fired MUA units	Repeal				
84		503.2.3	Direct-vent appliances	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
85		503.2.4	Appliances with intergral vents	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
86		503.2.5	Incinerators	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
87		503.3.3	Mechanical draft systems	N	2021 removed item 6, remains deleted in 2024	N	N	A	A				
88		503.5.1	Factory-built chimneys	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
89	1346.5503.5.5	503.5.5	Size of chimneys	Y	Minnesota amendment, also 2021 changed verbiage, remains in 2024	N	N	Consider model code language	Repeal				
90	1346.5503.5.6	503.5.6	Inspection of chimney	Y	Minnesota added an exception, not in model code language	N	N	?	Repeal				
91		503.5.6.1	Chimney lining	N	2021 removed the exception, remains in the 2024	N	N	A	A				
92		503.5.11	Insulation sheild	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
93	1346.5503.6.10.1	503.6.10.1	Category I appliances	Y	Minnesota amendment, also 2021 changed verbiage, remains in 2024	N	N	Consider model code language	A				
94		503.6.10.4	Mechanical draft	N	2021 changed verbiage, remains in the 2024	N	N	A	A				

New Changes in Mechanical Fuel Gas Code TAG Review Worksheet

Model Code: 2024 IFGC

To be completed by Chair								To be completed by TAG members					
Item No.	Minnesota Code Section	"I" Code Section	Subject	Current Minnesota 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	Stakeholder Consensus	Comments	
				Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
95		503.6.11	Gas vents serving appliances on more than one floor	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
96		503.7.9	Size of single-wall metal pipe	N	2021 changed verbiage, remains in the 2024 Minnesota amendment	N	N	A	A				
97		503.8	Venting system terminal clearances	N	2021 changed title and verbiage, kept in the 2024. All the numbered parts have been removed	N	N	A	A				
98		Table 503.8	Through-the-wall vent terminal clearance	N	2021 changed title and table, kept in the 2024. The table is more informative	N	N	A	A				
99		503.10.2.5	Medium-heat appliances	N	2021 changed verbiage in item 4, remains in the 2024	N	N	A	A				
100		Figure 503.8	Figure 503.8 Through-the-wall vent terminal clearance	N	New table not in the 2018 IMC, remains in the 2024	N	N	A	A				
101		503.10.3.1	Single draft hood and fan-assisted	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
102		503.10.3.2	Multiple draft hood	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
103		503.10.3.3	Multiple appliances	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
104		503.10.3.4	Common connector/manifold	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
105		503.10.7	Connector junctions	N	2021 added section, renumbered rest of 503.10 remains in the 2024	N	N	A	A				
106		503.12.2.2	Special design draft hood	N	2021 removed section, still gone in the 2024	N	N	A	A				
107		503.13	Manually operated dampers	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
108		503.14	Automatically operated vent dampers	N	2021 changed verbiage, 2024 changed title and verbiage.	N	N	A	A				
109		503.15	Obstructions	N	2021 changed verbiage in items 2 and 5, remains in the 2024	N	N	A	A				
110	1346.5504.2.8	504.2.8	Vent area and diameter	Y	Minnesota amendment	N	N	Vent sizing down to 4 from 7 in model code	A				
111		504.2.16	Engineering calculations	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
112		504.3.12	Vent height measurement	N	2021 changed verbiage, remains in the 2024	N	N	A	A				
113		504.3.13	Multistory height measurement	N	2021 changed verbiage, remains in the 2024	N	N	A	A				

New Changes in Mechanical Fuel Gas Code TAG Review Worksheet

Model Code: 2024 IFGC

To be completed by Chair										To be completed by TAG members			
Item No.	Minnesota Code Section	"I" Code Section	Subject	Current Minnesota 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	Stakeholder Consensus	Comments	
				Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
114	1346.5504.3.17	504.3.17	Vertical vent maximum size	Y	Minnesota amendment	N	N	Vent sizing down to 4 from 7 in model code		Repeal			
115		504.3.18	Multiple input rate appliances	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
116	1346.5504.3.19	504.3.19	Liner system sizing and connections	Y	Minnesota amendment	N	N	Review to verify amendment is necessary		Repeal			
117		602.1	General	N	2021 changed verbiage, 2024 also changed verbiage.	N	N	A		A			
118		602.2	Flame safeguard device	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
119	1346.5602.3	602.3	Prohibited installations	Y	Minnesota amendment	N	N	Keep amendment		A			
120		603.1	Log lighters	N	2021 changed verbiage, remains in the 2024	N	N	CSA 8 changes					Mario CCP 11/4/24
121		604.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
122		605.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
123		608.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
124		609.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
125		610.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
126		611.2	Installation	N	2021 changed verbiage, remains in the 2024	N	N	A: Review to see if an amendment is necessary to clarify where nonrecirculating direct-fired industrial air heaters can be installed		A			
127		612.2	Location	N	2021 changed verbiage, remains in the 2024	N	N	A: Review to see if an amendment is necessary to clarify where recirculating direct-fired industrial air heaters can be installed		A			
128		613.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
129		M614.4.1	Termination location	N	2021 added section, renumbered the rest of 614, remains in the 2024	N	N	A		A			
130		M614.6	Booster fans prohibited		2021 added section, renumbered makeup air, remains in the 2024	N	N	A		A			
131		M614.7.1	Closet installation	N	2021 added section, remains in the 2024	N	N	A		A			
132		617.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
133		618.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
134		618.6	(IFGS) Furnace plenums and air ducts	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
135		620.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			

New Changes in Mechanical Fuel Gas Code TAG Review Worksheet

Model Code: 2024 IFGC

To be completed by Chair								To be completed by TAG members					
Item No.	Minnesota Code Section	"I" Code Section	Subject	Current Minnesota 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	Stakeholder Consensus	Comments	
				Y or N		N=None, L=Low M=Med, H=High	Y or N			Y or N			
136	1346.5621	621	Unvented room heaters	Y	Minnesota amendment	N	N	Keep amendment		Keep amendment			
137		622.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
138		623.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
139		624.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
140		625.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
141		627.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
142		628.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
143		630.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
144	1346.5630.3	630.3	Combustion and ventilation air	Y	Minnesota amendment	N	N	Revist amendment, is reference to MUA needed here?		Keep amendment			
145		634	Chimney damper area opening	N	2021 removed section, renumbered rest of chapter 6, remains the same in 2024	N	N	A		A			
146		635.1	General	N	2021 changed verbiage, remains in the 2024	N	N	A		A			
147	1346.5636		Outdoor cooking appliainces	N	Add section to address gas valves and flameguard devices on permanently indoor gas cooking appliances	Y	Y	Review with TAG		A			
148	1346.5900.		Installation and testing of fuel gas-fired appliances	Y	Minnesota amendment	N	N	Review with TAG and remove as per IMC chapter 16		No consensus			
149	1346.6000.		Manufactured home park/community fuel gas equipment and appliance installation	Y	Minnesota amendment			Remove chapter 10 as 1346.5101 subpart 3 adresses NFPA 501A		Repeal			

Changes in the 2024 International Residential Code

Chapter 1309 TAG Review Worksheet

2024 CHAPTER 1309 TAG REVIEW WORKSHEET											
To be completed by Chair								To be completed by TAG members			
Item No.	2024 IRC 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	Comments	
			Y or N		N=None L=Low M=Med H=High	Y or N					
Definitions								To be completed by TAG members			
1	Chapter 2	Air circulation forced	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
2	Chapter 2	Boiler	N	Definition differs from 1346	N	N	A, should be fine to leave as written.	A			
3	Chapter 2	BTU/H	N	No existing definition in 1346			A, should be fine to leave as written.	A			
4	Chapter 2	Chimney types	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
5	Chapter 2	Combustion air	N	Definition differs from 1346	N	N	A, should be fine to leave as written. This definition is better than IMC	A			
6	Chapter 2	Condensate	N	Definition differs from 1346	N	N	A, should be fine to leave as written.	A			
7	Chapter 2	Condensing appliance	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
8	Chapter 2	Control, limit	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
9	Chapter 2	Control, primary safety	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
10	Chapter 2	Convactor	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
11	Chapter 2	Damper, volume	N	Similar definition in 2024 IMC under damper	N	N	A, should be fine to leave as written.	A			
12	Chapter 2	Drain-back system	N	Do not need to review same definition as 1346				Nothing needed			
13	Chapter 2	Essentially nontoxic transfer fluids	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
14	Chapter 2	Essentially toxic transfer fluids	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
15	Chapter 2	Excess air	N	Definition differs from 1346	N	N	A, should be fine to leave as written.	A			
16	Chapter 2	Exhaust hood, full opening	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			

Changes in the 2024 International Residential Code

Chapter 1309 TAG Review Worksheet

To be completed by Chair								To be completed by TAG members			
Item No.	2024 IRC 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	Comments	
			Y or N		N=None L=Low M=Med H=High	Y or N					
17	Chapter 2	Factory-built chimney	N	Do not need to review same definition as 1346, but listed under 2024 IMC Chimney	N	N	A, should be fine to leave as written.	A			
18	Chapter 2	Factory-built air duct	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
19	Chapter 2	Fuel piping system	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
20	Chapter 2	Furnace	N	Definition differs from 1346	N	N	A, should be fine to leave as written.	A			
21	Chapter 2	Local exhaust	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
22	Chapter 2	Locking-type tamper-resistant cap	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
23	Chapter 2	Pellet vent	N	Do not need to review same definition as 1346, but listed under 2024 IMC Vent	N	N		Nothing needed			
24	Chapter 2	Plenum	N	Definition differs from 1346	N	N	A, should be fine to leave as written.	A			
25	Chapter 2	Relief valve, vacuum	N	Definition differs from 1346	N	N	A, should be fine to leave as written.	A			
26	Chapter 2	Room heater	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
27	Chapter 2	Refrigerant Compressor	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
28	Chapter 2	Solar thermal collector	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
29	Chapter 2	Temperature-and pressure-relief (T and P) valve	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
30	Chapter 2	Temperature-relief valve	N	No existing definition in 1346	N	N	A, should be fine to leave as written.	A			
31	Chapter 2	Vent	N	Definition differs from 1346	N	N	A, should be fine to leave as written.	A			
Chapters 12-24								To be completed by TAG members			
1	M1201.1	Scoping	N	1346.0101 has same basic language	N	N	A	A			
2	M1201.2	Application	N	CCP needed	N	N	Add reference to 1300 in place of Chapter 1 language	AM internal			

Changes in the 2024 International Residential Code Chapter 1309 TAG Review Worksheet

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			Y or N		N=None L=Low M=Med H=High	Y or N					
3	M1202.1	Additions, alterations or repairs	N	1346.0104 has same basic language	N	N	A	A			
4	M1202.2	Existing installations	N	1346.0102 has same basic language	N	N	A	A			
5	M1202.3	Maintenance	N	1346.0103 has same basic language	N	N	A	A			
6	M1301.1	Scope	N	IMC 301.1 has same basic language	N	N	A	A			
7	M1301.1.1	Flood-resistant installation	N	IMC 301.16 has requirements for flood resistant construction	N	N	A	A			
8	M1301.2	Identification	N	IMC 301.3 has same basic language	N	N	A	A			
9	M1301.3	Installation of materials	N	Language describes following the listings. Should be fine to keep. See IMC 304.1 and 304.2	N	N	A	A			
10	M1301.4	Plastic pipe, fittings and components	N	IMC 301.4 has same basic language	N	N	A	A			
11	M1301.5	Third party testing and certification	N	IMC 301.5 has same basic language	N	N	A	A			
12	M1302.1	Listed and labeled	N	Model code language does not address our 1346.0301.7 amendment	N	N	Write CCP to address IRC buildings similar to IMC	AM		ccp Staff stop at first 2 sentences	
13	M1303.1	Label information	N	IMC 301.9 has same basic language	N	N	A	A			
14	M1304.1	Fuel types	N	IMC 301.12 has same basic language	N	N	A	A			
15	M1305.1	Appliance access for inspection service, repair and replacement	N	IMC 306.1 has language addressing access.	N	N	A	A			
16	M1305.1.1	Appliances in rooms	N	IMC 306.2 has similar language	N	N	A	A			
17	M1305.1.2	Appliances in attics	N	IMC 306.3 has similar language	N	N	A	A			
18	M1305.1.2.1	Electrical requirements	N	Language refers to Chapter 39, which will not adopted.	N	N	A, should be fine to leave as written.	A			
19	M1305.1.3	Appliances under floors	N	IMC 306.4 has similar language	N	N	A	A			
20	M1305.1.3.1	Ground clearance	N	IMC 304.10 has similar language	N	N	A	A			
21	M1305.1.3.2	Pit locations	N	IMC 303.7 has similar language	N	N	A	A			
22	M1305.1.3.3	Electrical requirements	N	Language refers to Chapter 39, which will not adopted.	N	N	A, should be fine to leave as written.	A			
23	M1306.1	Appliance clearance	N	IMC 304.9 has language, not similar to M1306.1	N	N	A, should be fine to leave as written.	A			
24	M1306.2	Clearance reduction	N	IMC 308 has requirements that differ from M1306.2, IRC handles differently.	N	N	A, should be fine to leave as written.	A			

Changes in the 2024 International Residential Code

Chapter 1309 TAG Review Worksheet

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			Y or N		N=None L=Low M=Med H=High	Y or N				
25	Table M1306.2	Reduction of clearances with specified forms of protection	N	IMC Table 308.4.2 has a table that differs from table M1306.2.	N	N	A, should be fine to leave as written.	A		
26	M1306.2.1	Labeled assemblies	N	IMC 308.4.1 has similar language	N	N	A	A		
27	M1306.2.2	Reduction table	N	IMC 308.4.2 has language that differs from M1306.2.2	N	N	A, should be fine to leave as written.	A		
28	M1306.2.3	Solid-fuel appliances	N	IMC 308.4.2.1 deals with solid fuel, different from IRC	N	N	A, should be fine to leave as written.	A		
29	M1307.1	General	N	IMC 304.1 has some similar language	N	N	A, should be fine to leave as written.	A		
30	M1307.2	Anchorage of appliances	N	IMC 301.18 has some language that was left in the code, even though not needed	N	N	A	A		
31	M1307.3	Elevation of ignition source	N	IMC 304.3 has similar language	N	N	A	A		
32	M1307.3.1	Protection from impact	N	IMC 303.4 addresses this section. No reference to 6' above floor as required in IMC 304.7	N	N	A	A		
33	M1307.4	Hydrogen-generating and refueling operations	N	IMC 304.5 has similar language	N	N	A	A		
34	M1307.4.1	Natural ventilation	N	IMC 304.5.1 has similar language	N	N	A	A		
35	M1307.4.1.1	Two openings	N	IMC 304.5.1.1 has similar language	N	N	A	A		
36	M1307.4.1.2	Louvers and grills	N	IMC 304.5.1.2 has similar language	N	N	A	A		
37	M1307.4.2	Mechanical ventilation	N	IMC304.5.2 has similar language	N	N	A	A		
38	M1307.4.3	Specially engineered systems	N	IMC 304.5.3 has similar language	N	N	A	A		
39	M1307.5	Electrical appliances	N	No reference in 1346	N	N	A, should be fine to leave as written.	A		
40	M1307.6	Plumbing connections	N	References Chapters 29 and 30	N	N	CCP to reference 4714	A		
41	M1307.7	Prohibited support	N	No reference in 1346	N	N	A, should be fine to leave as written.	A		
42	M1308.1	Drilling and notching	N	Code refers to IRC sections	N	N	A, should be fine to leave as written.	A		
43	M1308.2	Protection against physical damage	N	Code section refers following subsections	N	N	A	A		

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44	M1308.2.1	Piping through bored holes and notches	N	2024 IMC 305.5 has similar language and 1346 TAG accepted the language	N	N	A, should be fine to leave as written.	A			
45	M1308.2.2	Piping in other locations	N	2024 IMC 305.5 has similar language and 1346 TAG accepted the language	N	N	A, should be fine to leave as written.	A			
46	M1308.2.3	Shield plates	N	2024 IMC 305.5.1 has similar language and 1346 TAG accepted the language	N	N	A	A			
47	M1401.1	Installation	N	IMC 304.1 has some similar language	N	N	A, need CCP to address unvented room heaters similar to IMC 901.5	A		CCP John Smith 901.5	
48	M1401.2	Access	N	Access is located in mutiple locations in 1346	N	N	A, should be fine to leave as written.	A			
49	M1401.3	Equipment and appliance sizing	N	Refers to manuals ACCA J and S	N	N	A	A			
50	M1401.4	Outdoor installation	N	IMC 303.6 has similar language	N	N	A, should be fine to leave as written.	A			
51	M1401.5	Flood Hazard	N	1346.0301.16 has language, not similar	N	N	A, should be fine to leave as written.	A			
52	M1402.1	General	N	Section refers to listings for oil and electric furnaces. See IMC chapter 9	N	N	A, should be fine to leave as written.	A			
53	M1402.2	Clearances	N	Section refers to clearances per listings and installation instructions	N	N	A, should be fine to leave as written.	A			
54	M1402.3	Combustion air	N	Section is similar to language in IMC Chapter 7. Fuel gas requirements are in IRC Chapter 24	N	N	A, should be fine to leave as written.	A			
55	M1403.1	Heat pumps	N	Section has references to electric heat pumps. IMC 918 has similar language	N	N	A	A			
56	M1404.1	Compliance	N	1101.2 has some similar language. 1346 TAG approved CCP to address 326B.106	N	N	Need CCP to allow refrigerants as required in 326B.106	A			
57	M1405.1	General	N	Section refers to baseboard electric.	N	N	A, should be fine to leave as written.	A			
58	M1406.1	General	N	Section refers to radiant heating systems. IMC 927 has language	N	N	A, should be fine to leave as written.	A			
59	M1406.2	Clearances	N	Sections refer to the electric code requirements, IMC 927.2 has similar language	N	N	A, should be fine to leave as written.	A			
60	M1406.3	Installation of radiant panels	N	IMC 927.3 has similar language	N	N	A, should be fine to leave as written.	A			

Changes in the 2024 International Residential Code

Chapter 1309 TAG Review Worksheet

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61	M1406.4	Installation in concrete or masonry	N	IMC 927.4 has similar language	N	N	A, should be fine to leave as written.	A			
62	M1406.5	Finish surfaces	N	IMC 927.5 has similar language	N	N	A, should be fine to leave as written.	A			
63	M1407.1	General	N	Section refers to electric duct heaters. IMC 911.1 has same UL standard referenced	N	N	A, should be fine to leave as written.	A			
64	M1407.2	Installation	N	Section refers to installation requirements for electric duct heaters	N	N	A, should be fine to leave as written.	A			
65	M1407.3	Installation with heat pumps and air conditioners	N	Section refers to installation requirements for electric duct heaters regarding listings and labeling	N	N	A, should be fine to leave as written.	A			
66	M1407.4	Access	N	IMC 306.1 has similar language	N	N	A, should be fine to leave as written.	A			
67	M1407.5	Fan interlock	N	New language	N	N	A, should be fine to leave as written.	A			
68	M1408.1	General	N	Section refers to oil-fired vented floor furnaces. IMC 910 has language	N	N	A, should be fine to leave as written.	A			
69	M1408.2	Clearances	N	IMC 910.4 has similar language	N	N	A, should be fine to leave as written.	A			
70	M1408.3	Location	N	IMC 910.2 has similar language	N	N	A, should be fine to leave as written.	A			
71	M1408.4	Access	N	IMC 306.1 has similar language	N	N	A, should be fine to leave as written.	A			
72	M1408.5	Installation	N	New language elaborating on IMC 910.2	N	N	A, should be fine to leave as written.	A			
73	M1409.1	General	N	IMC 909 has similar language	N	N	A, should be fine to leave as written.	A			
74	M1409.2	Location	N	IMC 909.2 has similar language	N	N	A, should be fine to leave as written.	A			
75	M1409.3	Installation	N	IMC 909 has similar language	N	N	A, should be fine to leave as written.	A			
76	M1409.4	Access	N	IMC 909.6 has similar language	N	N	A, should be fine to leave as written.	A			
77	M1410.1	General	N	Different sections of IMC Chapter 9 have similar language.	N	N	A, should be fine to leave as written.	A			
78	M1410.2	Floor mounting	N	New language	N	N	A, should be fine to leave as written.	A			

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79	M1411.1	Approved refrigerants	N	Addresses refrigerants in ANSI/ASHRAE 34	N	N	Consider CCP to align with Brian's CCP to 1101.1.1 and refer to statute 326B.106			Brian CCP	
80	M1411.2	Refrigerant system listing	N	2024 added a reference to UL listings IMC 1101.2.1 added a section, we accepted	N	N	A, should be fine to leave as written.	A			
81	M1411.3	Refrigerant system installation	N	Similar requirements in IMC 1101.2	N	N	A, should be fine to leave as written.	A			
82	M1411.4	Field installed accessories	N	New language not found in 1346	N	N	A, should be fine to leave as written.	A			
83	M1411.5	Signs and identification	N	New language not found in 1346	N	N	A, should be fine to leave as written.	A			
84	M1411.6	Refrigerant charge	N	New language not found in 1346	N	N	A, should be fine to leave as written.	A			
85	M1411.7	Group A2L refrigerant piping testing	N	Different sections of IMC Chapter 11 have similar language.	N	N	A, should be fine to leave as written.	A			
86	M1411.8	Refrigeration coils in warm-air furnaces	N	New language not found in 1346	N	N	A, should be fine to leave as written.	A			
87	M1411.9 and following sections	Condensate disposal	N	IMC 307.2 and following sections have similar language	N	N	A, should be fine to leave as written.	A			
88	M1411.10	Condensate pumps	N	1346 has amendment to 2024 IMC	N	N	Copy 1346 amendment			Brian CCP	
89	M1411.11	Auxiliary drain pan	N	Has exception for appliances that shut down on condensate blockage	N	N	Delete section as is found in G2404.10 for fuel gas appliances	A			
90	M1411.12	Insulation of refrigerant piping	N	2024 N1103.4 has similar language.	N	N	A, should be fine to leave as written.	A			
91	M1411.12.1	Refrigerant line insulation protection	N	2024 N1103.4.1 has prescriptive requirements.	N	N	A, should be fine to leave as written.	A			
92	M1411.13	Location and protection of refrigerant piping	N	New language	N	N	A, should be fine to leave as written.	A			
93	M1411.14	Support of refrigerant piping	N	New language	N	N	A, should be fine to leave as written.	A			
94	M1411.15	Locking access port caps	N	Similar language in IMC 1101.9	N	N	A	A			
95	M1412 and following sections	Absorption cooling equipment	N	New language	N	N	A, entire section should be fine to accept as written	A			

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96	M1413	Evaporative cooling equipment	N	2024 IMC section 928 has similar language	N	N	Have CCP to review from Mike Moore	A			
97	M1414 and following sections	Fireplace stoves	N	IMC section 905 has similar language	N	N	A, entire section should be fine to accept as written	A			
98	M1415	Masonry heaters	N	IMC section 925 has similar language.	N	N	A, entire section should be fine to accept as written	A			
99	M1501.1	Outdoor discharge	N	IMC section 501.3 has an amendment, should visit.	N	N	CCP needed to match John Smith's 2024 IMC amendment			Table	
100	M1502.1	General	N	IMC 504.1 has similar language	N	N	A, should be fine to leave as written.			Table	
101	M1502.2	Independent exhaust systems	N	IMC 504.1 has similar language	N	N	A, should be fine to leave as written.			Table	
102	M1502.3	Duct termination	N	IMC 504.4 has similar language	N	N	A, should be fine to leave as written.			Table	
103	M1502.3.1	Exhaust termination outlet and passageway size	N	IMC 504.4.1 has similar language	N	N	A, should be fine to leave as written.			Table	
104	M1502.4	Dryer exhaust ducts	N	Section provides guidance	N	N	A			Table	
105	M1502.4.1	Material and size	N	IMC 504.8.1 has similar language	N	N	A, should be fine to leave as written.			Table	
106	M1502.4.2	Duct installation	N	IMC 504.8.2 has similar language	N	N	A, should be fine to leave as written.			Table	
107	M1502.4.3	Transition duct	N	IMC 504.8.3 has similar language	N	N	A, should be fine to leave as written.			Table	
108	M1502.4.4	Dryer exhaust duct power ventilators	N	IMC 504.8.4.3 has similar language	N	N	A, should be fine to leave as written.			Table	
109	M1502.4.5	Booster fans prohibited	N	2024 IMC section 504.6 has similar language. 1346 TAG accepted new	N	N	A, should be fine to leave as written.			Table	
110	M1502.4.6	Duct length	N	Section provides guidance	N	N	A			Table	
111	M1502.4.6.1	Specified length	N	IMC 504.8.4.1 has similar language	N	N	A, should be fine to leave as written.			Table	

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112	Table M1502.4.6.1	Dryer exhaust duct fitting equivalent length	N	IMC Table 504.8.4.1 is similar	N	N	A, should be fine to leave as written.			Table
113	M1502.4.6.2	Manufacturer's instructions	N	IMC 504.8.4.2 has similar language	N	N	A, should be fine to leave as written.			Table
114	M1502.4.6.3	Dryer exhaust duct power ventilator	N	IMC 504.804.3 has similar language	N	N	A, should be fine to leave as written.			Table
115	M1502.4.7	Length identification	N	IMC 504.8.5 has similar language	N	N	A, should be fine to leave as written.			Table
116	M1502.4.8	Exhaust duct required	N	IMC 504.8.6 has similar language	N	N	A, should be fine to leave as written.			Table
117	M1502.5	Protection required	N	IMC 504.7 has similar language	N	N	A, should be fine to leave as written.			Table
118	M1502.6	Makeup air	N	IMC 504.6 has similar language	N	N	A, should be fine to leave as written.			Table
119	M1502.6.1	Closet installation	N	IMC 504.6 has similar language	N	N	A, should be fine to leave as written.			Table
120	M1503.1	General		IMC 505.1 has similar language	N	N	A, should be fine to leave as written.			Table
121	M1503.2	Domestic cooking exhaust	N	2024 IMC 505.2 has similar language, 1346 TAG approved model code	N	N	A, should be fine to leave as written.			Table
122	M1503.2.1	Open-top broiler exhaust	N	IFGC 623.5 has similar language.	N	N	A, should be fine to leave as written.			Table
123	M1503.3	Exhaust discharge	N	IMC 505.3 has similar language	N	N	Table until CCP is reviewed			Table
124	M1503.4	Duct material	N	IMC 505.3 subpart 2 has similar requirements	N	N	A, should be fine to leave as written.			Table
125	M1503.5	Kitchen exhaust rates	N	New language.	N	N	Table until CCP is reviewed			Table
126	M1503.6, M1503.6.1, M1503.6.2	Makeup air required, Location, Makeup air dampers	N	New language.	N	N	Table until CCP is reviewed			Table
127	M1504.1	Duct construction	N	Language addressed in IMC Chapter 6	N	N	A, should be fine to leave as written.			Table
128	M1504.2	Duct length	N	New language	N	N	Table until CCP is reviewed			Table

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129	Table M1504.2	Duct length	N	New language.	N	N	Need review.			Table	
130	M1504.3	Exhaust openings	N	IMC 501.3.1 has similar language	N	N	Table until CCP is reviewed			Table	
131	M1505.1	General	N	New language	N	N	Table until CCP is reviewed			Table	
132	M1505.2	Recirculation of air	N	New section, IMC has language in MR1346.0501.3	N	N	A, should be fine to leave as written.			Table	
133	M1505.3	Exhaust equipment	N	New language.	N	N	Table until CCP is reviewed			Table	
134	M1505.4, M1505.4.1, M1505.4.2, M1505.4.3	Whole-house mechanical ventilation system, System design, System controls, Mechanical ventilation rate	N	New language.	N	N	Table until CCP is reviewed			Table	
135	Table 1505.4.3 (1)	Continuous whole-house mechanical ventilation system airflow rate requirements	N	New table	N	N	A, should be fine to leave as written.			Table	
136	Table 1505.4.3 (2)	Intermittent whole-house mechanical ventilation rate factors	N	New table	N	N	A, should be fine to leave as written.			Table	
137	M1505.5	Local exhaust rates	N	New section	N	N	Table until CCP is reviewed			Table	
138	Table M1505.5	Minimum required local exhaust rates for one- and two-family dwellings	N	New table	N	N	Table until CCP is reviewed			Table	
139	M1601.1	Duct design	N	IMC 603.2 references Manual D	N	N	A, should be fine to leave as written.	A			
140	M1601.1.1	Above-ground duct systems	N	2024 Section M1601.1.1 Item 7 allows stud spaces to be used as plenums	N	N	CCP to delete Item 7 as N1103.3.2 prohibits			Jesse CCP	
140a	Table M1601.1.1	Duct construction inimum sheet metal thickness for single family dwelling units	N	Similar language in the 2020 IMC section Table 603.4	N	N	A, should be fine to leave as written.	A			

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140b	M1601.1.2	Underground duct systems	N	Differs in the IMC	N	N	Need CCP to match language in 1346.0603.8.4				
141	M1601.2	Vibration isolators	N	New section	N		A, should be fine to leave as written.				
142	M1601.3	Duct insulation materials	N	MR1346.0604.3 has similar language	N	N	CCP needed to delete item 3, reflective duct insulation				
143	M1601.4 and M1601.4.1.	Joints, seams and connections	N	IMC section 603.9 has similar language	N	N	A, should be fine to leave as written.				
144	M1601.4.2	Duct lap	N	New language	N	N	A, should be fine to leave as written.				
145	M1601.4.3	Plastic duct joints	N	IMC section 603.8.3 has similar language	N	N	A, should be fine to leave as written.				
146	M1601.4.4	Support	N	IMC sections 603.6.1 and 603.10 has similar language	N	N	A, should be fine to leave as written.				
147	M1601.4.5	Fireblocking	N	New section	N	N	A, should be fine to leave as written.				
148	M1601.4.6	Duct insulation	N	2024 IMC 604.11 and 604.12 have similar language	N	N	A, should be fine to leave as written.				
149	M1601.4.7	Factory-made air ducts	N	New language	N	N	CCP needed to address listed underground ducts as allowed in M1601.1.2				
150	M1601.4.8	Duct separation	N	IMC 603.14 has similar language	N	N	A, should be fine to leave as written.				
151	M1601.4.9	Ducts located in garages	N	2020 IRC section 302.5.2 has always had this requirement	N	N	A, should be fine to leave as written.				
152	M1601.4.10	Flood hazard areas	N	New section, 2024 IRC has requirements	N	N	A, should be fine to leave as written.				
153	M1601.5	Under-floor plenums	N	N1103.3.2 prohibits	N	N	A, should be fine to leave as written.				
154	M1601.5.1	General	N	For existing conditions, requirements for underfloor plenums	N	N	A, should be fine to leave as written.				
155	M1601.5.2	Materials	N	For existing conditions, requirements for underfloor plenums	N	N	A, should be fine to leave as written.				
156	M1601.5.3	Furnace connections	N	For existing conditions, requirements for underfloor plenums	N	N	A, should be fine to leave as written.				
157	M1601.5.4	Access	N	For existing conditions, requirements for underfloor plenums	N	N	A, should be fine to leave as written.				

Changes in the 2024 International Residential Code Chapter 1309 TAG Review Worksheet

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			Y or N		N=None L=Low M=Med H=High	Y or N				
158	M1601.5.5	Furnace controls	N	For existing conditions, requirements for underfloor plenums	N	N	A, should be fine to leave as written.			
159	M1601.6	Independent garage HVAC systems	N	New section, but provides needed clarity	N	N	A, should be fine to leave as written.			
160	M1602.1	Outdoor air openings	N	Section refers to R325.6, Interior stairway illumination?	N	N	Table until CCP is reviewed			
161	M1602.2	Return air openings	N	Similar language in IMC 601.5	N	N	A, should be fine to leave as written.			
162	Chapter 17	Combustion air	N	Similar language in Chapter 7 of the IMC	N	N	A, entire chapter should be fine to accept as written			
163	M1801.1	Venting required	N	Similar language in IMC section 801.1	N	N	A, should be fine to leave as written.			
164	M1801.2	Draft requirements	N	Similar language in IMC section 801.4	N	N	A, should be fine to leave as written.			
165	M1801.3	Existing chimneys and vents	N	Similar language to IMC 801.18	N	N	A, should be fine to leave as written.			
166	M1801.3.1	Size	N	Similar language to IMC 801.18.1	N	N	A, should be fine to leave as written.			
167	M1801.3.2	Flue passageways	N	Similar language to IMC 801.18.2	N	N	A, should be fine to leave as written.			
168	M1801.3.3	Cleanout	N	Similar language to IMC 801.18.3	N	N	A, should be fine to leave as written.			
167	M1801.3.4	Clearances	N	Similar language to IMC 801.18.4	N	N	A, should be fine to leave as written.			
168	M1801.4	Space around lining	N	Similar language to IMC 801.17	N	N	A, should be fine to leave as written.			
169	M1801.5	Mechanical draft systems	N	Similar language to IMC 804.1	N	N	A, should be fine to leave as written.			
170	M1801.6	Direct-vent appliances	N	Similar language in IFGC section 503.2.3.	N	N	A, should be fine to leave as written.			
171	M1801.7	Support	N	Similar language to IMC 802.7	N	N	A, should be fine to leave as written.			
172	M1801.8	Duct penetrations	N	Similar language to IMC 601.4	N	N	A, should be fine to leave as written.			
173	M1801.9	Fireblocking	N	Similar language to IMC 801.18.4.1	N	N	A, should be fine to leave as written.			

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174	M1801.10	Unused openings	N	Similar language to IMC 801.8	N	N	A, should be fine to leave as written.			
175	M1801.11	Multiple-appliance venting systems	N	Similar language in the following sections: IMC 801.19, 801.5, 801.9,	N	N	A, should be fine to leave as written.			
176	M1801.12	Multiple solid fuel prohibited	N	Similar language to IMC 801.11	N	N	A, should be fine to leave as written.			
177	M1802.1	Draft hoods	N	No similar language	N	N	A, should be fine to leave as written.			
178	M1802.2, M1802.2.1 and M1802.2.2	Vent dampers	N	Similar language in IMC 803.5 and IMC 803.6	N	N	A, should be fine to leave as written.			
179	M1802.3 and M1802.3.1	Draft regulators	N	No similar language	N	N	Seems that all instructions manuals require a draft regulator A, section should be fine as written			
180	M1802.4	Blocked vent switch	N	No similar language	N	N	Seems that all instructions manuals require a blocked vent switch A, section should be fine as written			
181	M1803.1	General	N	Similar language in IMC 803.1	N	N	A, should be fine to leave as written.			
182	M1803.2	Connectors for oil and solid fuel-burning appliances	N	Similar language in IMC 803.9	N	N	A, should be fine to leave as written.			
183	Table M1803.2	Thickness for single-wall metal pipe connectors	N	Similar Table in IMC 803.9(1)	N	N	A, should be fine to leave as written.			
184	M1803.3	Installation	N	Similar language in IMC sections 803.10, following subsections and IMC 803.10.5	N	N	A, should be fine to leave as written.			
185	M1803.3.1	Floor, ceiling, and wall penetrations	N	Similar language in IMC 803.10.4	N	N	A, should be fine to leave as written.			
186	M1803.3.2	Length	N	Similar language in IMC 803.10.2	N	N	A, should be fine to leave as written.			
187	M1803.3.3	Size	N	Similar language in IMC 803.3	N	N	A, should be fine to leave as written.			
188	M1803.3.4	Clearance	N	Similar language in IMC 803.10.6	N	N	A, should be fine to leave as written.			

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189	Table M1803.3.4	Chimney and vent connector clearances to combustible materials	N	Similar language in IMC table 803.10.6	N	N	A, should be fine to leave as written.			
190	M1803.3.5	Access	N	No similar language	N	N	A, should be fine to leave as written.			
191	M1803.4 and subsections	Conection to fireplace flue	N	No similar language	N	N	A, should be fine to leave as written.			
192	M1804.1	Type of vent required	N	Similar language in 802.2	N	N	A, should be fine to leave as written.			
193	Table 1804.1	Vent selection chart	N	Similar language in Table 802.2	N	N	A, should be fine to leave as written.			
194	M1804.2	Termination	N	Language points to subsections	N	N	A, should be fine to leave as written.			
195	M1804.2.1	Through the roof	N	Common sense language	N	N	A, should be fine to leave as written.			
196	M1804.2.2	Decorative shrouds	N	Similar language in IMC 805.6-805.7 with errata	N	N	A, should be fine to leave as written.			
197	M1804.2.3	Natural draft appliances	N	Similar language in IMC 804.2	N	N	A, should be fine to leave as written.			
198	M1804.2.4	Type L vent	N	Similar language in IMC 802.1 and 802.5	N	N	A, should be fine to leave as written.			
199	M1804.2.5	Direct vent terminations	N	Similar language in IMC 804.1	N	N	A, should be fine to leave as written.			
200	M1804.2.6	Mechanical draft systems	N	Similar language in IMC 804.3	N	N	A, should be fine to leave as written.			
201	M1804.3	Installation	N	Similar language in IMC 802.3	N	N	A, should be fine to leave as written.			
202	M1804.3.1	Size of single-appliance venting systems	N	No similar language	N	N	A, should be fine to leave as written.			
203	M1804.4	Door swing	N	Similar language in IMC 802.9	N	N	A, should be fine to leave as written.			
204	M1805.1	General	N	Factory-built chimneys are located in IMC 805- Masonry chimneys located in	N	N	A, should be fine to leave as written.			
205	M1805.2	Masonry chimney connection	N	Minor language in IMC 803.10.3, most new language	N	N	A, should be fine to leave as written.			
206	M1805.3	Size of chimney flues	N	Similar language in IMC 801.2.1 and 801.6	N	N	A, should be fine to leave as written.			

Changes in the 2024 International Residential Code

Chapter 1309 TAG Review Worksheet

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207	M1805.3.1	Size of chimney flue for solid-fuel appliance	N	Similar language in IMC 801.7	N	N	A, should be fine to leave as written.			
208	M1901.1	Clearances	N	Similar language in IFGC section 623.7	N	N	A, should be fine to leave as written. Did not apply to electric in the 2020			
209	M1901.2	Cooking appliances	N	Similar language in IMC 917.1	N	N	A, should be fine to leave as written.			
210	M1902.1	Locations and protection	N	Similar language in IMC 914.1	N	N	A, should be fine to leave as written.			
211	M1902.2	Installation	N	Similar language in IMC 914.2	N	N	A, should be fine to leave as written.			
212	M1902.3	Combustion air	N	Similar language in IFGC 615.4	N	N	A, should be fine to leave as written.			
213	M1902.4	Controls	N	Similar language in IMC 914.4	N	N	A, should be fine to leave as written.			
214	Section M1903	Stationary fuel cell power plants	N	Similar language in IMC section 924	N	N	A, should be fine to leave as written.			
215	Section M1904	Gaseous hydrogen systems	N	Similar language in IMC section 926	N	N	A, should be fine to leave as written.			
216	M2001.1	Installation	N	Similar language in IMC 1004.2	N	N	Add CCP to address 5225. Most boilers do not fall under this requirement, but if a question arises.			
217	M2001.1.1	Standards	N	Similar language in 2024 IMC 1004.1	N	N	A, should be fine to leave as written.			
218	M2001.2	Clearance	N	Similar language in 2024 IMC 1004.1	N	N	A, should be fine to leave as written.			
219	M2001.3	Valves	N	Similar language in 2024 IMC 1005.1	N	N	A, should be fine to leave as written.			
220	M2001.4	Flood-resistant installation	N	Similar language in 2024 IMC M1401.5	N	N	A, should be fine to leave as written.			
221	M2002.1	Safety controls	N	Similar language in 2024 IMC 1006.4	N	N	A, should be fine to leave as written.			
222	M2002.2	Hot water boiler guages	N	Similar language in IMC 1010.1	N	N	A, should be fine to leave as written.			
223	M2002.3	Steam boiler guages	N	Similar language in IMC 1010.2	N	N	A, should be fine to leave as written.			
224	M2202.4 and M2002.4.1	Pressure relief valve	N	Similar language in IMC Section 1006	N	N	A, should be fine to leave as written.			

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225	M2002.5	Boiler low-water cutoff	N	Similar language in IMC section 1007	N	N	A, should be fine to leave as written.			
226	M2002.6	Operation	N	Similar language in IMC section 1007.2	N	N	A, should be fine to leave as written.			
227	M2003.1	General	N	Similar language in IMC section 1009.1	N	N	A, should be fine to leave as written.			
228	M2003.1.1	Pressurized expansion tanks	N	Similar language in IMC section 1009.2	N	N	A, should be fine to leave as written.			
229	M2003.2	Minimum capacity	N	Similar language in IMC section 1009.2	N	N	A, should be fine to leave as written.			
230	Table M2003.2	Expansion tank minimum capacity for forced water hot-water systems	N	Similar Table in IMC section 1009.2	N	N	A, should be fine to leave as written.			
231	M2004	Water heaters used for space heating	N	Similar language in IMC section 1002.2	N	N	A, entire section should be fine to accept as written			
232	M2005	Water heaters	N	Similar language found in IMC section 1002, 1002.2 and 1002.3	N	N	A, entire section should be fine to accept as written			
233	M2006	Pool heaters	N	Similar language found in IMC section 916	N	N	A, entire section should be fine to accept as written			
234	M2101.1	General	N	Similar language in section 1202	N	N	A, should be fine to leave as written.			
235	Table 2101.1	Hydronic piping and fitting materials	N	Similar language in tables 1202.4 and 1202.5	N	N	A, should be fine to leave as written.			
236	M2102.2	System drain down	N	Similar language in IMC section 1206.2	N	N	A, should be fine to leave as written.			
237	M2101.3	Protection of potable water	N	Similar language in IMC section 1206.3	N	N	A, should be fine to leave as written.			
238	M2101.4	Pipe penetrations	N	Similar language in IMC section 1206.4	N	N	A, should be fine to leave as written.			
239	M2101.5	Contact with building material	N	Similar language in IMC section 1206.6	N	N	A, should be fine to leave as written.			
240	M2101.6	Drilling and notching	N	Code refers to IRC sections	N	N	A, should be fine to leave as written.			

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241	M2101.7	Prohibited tee applications	N	2020 IMC 1346.1206.1.1 has similar language	N	N	A, should be fine to leave as written.			
242	M2101.8	Expansion, contaction and settlement	N	Similar language in IMC section 1206.9	N	N	A, should be fine to leave as written.			
243	M2101.9	Piping support	N	Similar language in IMC section 1206.10	N	N	A, should be fine to leave as written.			
244	Table 2101.9	Hanger spacing intervals	N	Similar table in IMC Table 305.4	N	N	A, should be fine to leave as written.			
245	M2101.10	Tests	N	Similar language in IMC section 1208	N	N	A, should be fine to leave as written.			
246	M2101.11	Used materials	N	IMC section 1202.2 does allow the use of used materials	N	N	CCP to copy requirements in IMC Section 1202.2			
247	M2101.12	Material rating	N	Similar language in IMC sections 1202.3 and 1209	N	N	A, should be fine to leave as written.			
248	M2101.13	Joints and connections	N	Similar language in IMC sections 1203.1 and 1209	N	N	A, should be fine to leave as written.			
249	M2101.13.1	Joints between different piping materials	N	Similar language in IMC section 1203.1.1	N	N	A, should be fine to leave as written.			
250	M2101.14	Preparation of pipe ends	N	Similar language in IMC section 1203.2	N	N	A, should be fine to leave as written.			
251	M2101.15	Joint preparation and installation	N	Similar language in IMC section 1203.3	N	N	A, should be fine to leave as written.			
252	M2101.15.1	Mechanical joints	N	Similar language in IMC section 1203.3.2	N	N	A, should be fine to leave as written.			
253	M2101.15.1.2	Thermoplastic-welded joints	N	No similar language	N	N	A, should be fine to leave as written.			
254	M2101.16	CPVC plastic pipe		Similar language in IMC section 1203.7	N	N	A, should be fine to leave as written.			
255	M2101.16.1	Threaded joints	N	Similar language in IMC section 1203.3.5	N	N	A, should be fine to leave as written.			
256	M2101.17	Cross-linked polyethylene (PEX) plastic tubing	N	Similar language in IMC section 1203.9	N	N	A, should be fine to leave as written.			
257	M2101.17.1	Compression-type fittings	N	Similar language in IMC section 1203.9.1	N	N	A, should be fine to leave as written.			
258	M1207.17.2	Plastic-to-metal	N	Similar language in IMC section 1203.9.2	N	N	A, should be fine to leave as written.			

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259	M2101.18	Polyethylene plastic pipe and tubing	N	Similar language in IMC section 1210.6.6	N	N	A, should be fine to leave as written.			
260	M2101.18.1	Heat-fusion joints	N	Similar language in IMC section 1210.6.6.1	N	N	A, should be fine to leave as written.			
261	M2101.18.2	Electrofusion joints	N	Similar language in IMC section 1210.6.6.2	N	N	A, should be fine to leave as written.			
262	M2101.18.3	Stab-type insert fittings	N	Similar language in IMC section 1210.6.6.3	N	N	A, should be fine to leave as written.			
263	M2101.19	Polypropylene (PP) plastic	N	Similar language in IMC section 1210.6.7	N	N	A, should be fine to leave as written.			
264	M2101.19.1	Heat-fusion joints	N	Similar language in IMC section 1210.6.7.1	N	N	A, should be fine to leave as written.			
265	M2101.19.2	Mechanical and compression sleeve joints	N	Similar language in IMC section 1210.6.7.2	N	N	A, should be fine to leave as written.			
266	M2101.20	Raised temperature polyethylene (PE-RT) plastic tubing	N	Similar language in IMC section 1210.6.8	N	N	A, should be fine to leave as written.			
267	M2101.20.1	Compression-type fittings	N	Similar language in IMC section 1210.6.8.1	N	N	A, should be fine to leave as written.			
268	M2101.20.2	PE-RT-to-metal connections	N	Similar language in IMC section 1210.6.8.2	N	N	A, should be fine to leave as written.			
269	M2101.20.3	Heat-fusion joints	N	No similar language in IMC for PE-RT piping. Similar language in IMC section 1210.6.6.1	N	N	A, should be fine to leave as written.			
270	M2101.20.4	Electrofusion joints	N	No similar language in IMC for PE-RT piping. Similar language in IMC section 1210.6.6.2	N	N	A, should be fine to leave as written.			
271	M2101.21	PVC plastic pipe	N	Similar language in IMC section 1210.6.9	N	N	A, should be fine to leave as written.			
271a	M2101.22	Shutoff valves	N	Similar language in IMC section 1210.7	N	N	A, should be fine to leave as written.			
272	M2101.22.1	Heat exchangers	N	Similar language in IMC section 1210.7.1	N	N	A, should be fine to leave as written.			
273	M2101.22.2	Central systems	N	Similar language in IMC section 1210.7.2	N	N	A, should be fine to leave as written.			
274	M2101.22.3	Pressure vessels	N	Similar language in IMC section 1210.7.3	N	N	A, should be fine to leave as written.			

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275	M2101.22.4	Pressure-reducing valves	N	Similar language in IMC section 1210.7.4	N	N	A, should be fine to leave as written.			
276	M2101.22.5	Equipment and appliances	N	Similar language in IMC section 1210.7.5	N	N	A, should be fine to leave as written.			
277	M2101.22.6	Expansion tanks	N	Similar language in IMC section 1210.7.6	N	N	A, should be fine to leave as written.			
278	M2101.23	Reduced pressure		Similar language in IMC section 1210.7.7	N	N	A, should be fine to leave as written.			
279	M2101.24	Installation	N	Similar language in IMC section 1210.8	N	N	A, should be fine to leave as written.			
280	M2101.25	Protection of potable water	N	Similar language in IMC section 1210.8.1	N	N	A, should be fine to leave as written.			
281	M2101.26	Pipe penetrations	N	Similar language in IMC section 1210.8.2	N	N	A, should be fine to leave as written.			
282	M2101.27	Clearance from combustibles	N	Similar language in IMC section 1210.8.3	N	N	A, should be fine to leave as written.			
283	M2101.28	Contact with building material		Similar language in IMC section 1210.8.4	N	N	A, should be fine to leave as written.			
284	M2101.29	Strains and stress	N	Similar language in IMC section 1210.8.5	N	N	A, should be fine to leave as written.			
285	M2101.29.1	Flood hazard	N	Similar language in IMC section 1210.8.6	N	N	A, should be fine to leave as written.			
286	M2101.30	Chemical compatibility		Similar language in IMC section 1210.8.10	N	N	A, should be fine to leave as written.			
287	M2101.31	Makeup water	N	Similar language in IMC section 1210.9	N	N	A, should be fine to leave as written.			
288	M2102.1	Baseboard convectors	N	No similar language found in IMC	N	N	A, should be fine to leave as written.			
289	Section M2103	Floor heating systems	N	2024 IMC Section 1209, Embedded piping has some similar language	N	N	A, entire section should be fine to accept as written			
290	Section M2104	Low temperature piping	N	2024 IMC Section 1209, Embedded piping has some similar language	N	N	A, entire section should be fine to accept as written			
291	M2105	Ground-source heat-pump system loop piping	N	2024 IMC Section 1210 has similar language except for the following:	N	N	CCP to copy requirements in IMC Section 1210			
292	M2201.1	Materials	N	UL listings for oil tanks are referenced in the fire code (IFC)	N	N	A, should be fine to leave as written.			

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293	M2201.1.2	Above-ground tanks	N	660 gallons is referenced in 603.3.2.1 of the IFC	N	N	A, should be fine to leave as written.			
294	M2201.2.1	Tanks within buildings	N	Allowing tanks within buildings is referenced in IFC 605.4 as referenced in	N	N	A, should be fine to leave as written.			
295	M2201.2.2	Outdoor above-ground tanks	N	No similar language found regarding the 5' property line clearance	N	N	A, should be fine to leave as written.			
296	M2201.3	Underground tanks	N	No similar language found. NFPA 31 has requirements for underground fuel oil	N	N	A, should be fine to leave as written.			
297	M2201.4	Multiple tanks	N	No similar language found.	N	N	A, should be fine to leave as written.			
298	M2201.5	Oil gauges	N	Similar language in IMC section 1306.4	N	N	A, should be fine to leave as written.			
299	M2201.6	Flood-resistant installation	N	Similar language in 2024 IMC section M1401.5	N	N	A, should be fine to leave as written.			
300	M2201.7	Tanks abandon or removed	N	Similar language in IMC section 1301.5	N	N	A, should be fine to leave as written.			
301	M2202.1	Materials	N	Similar language in IMC section 1302	N	N	A, should be fine to leave as written.			
302	M2202.2	Joints and fittings	N	Similar language in IMC section 1303	N	N	A, should be fine to leave as written.			
303	M2202.3	Flexible connections	N	Similar language in IMC section 1302.8	N	N	A, should be fine to leave as written.			
304	M2203.1	General	N	No similar language found.	N	N	A, should be fine to leave as written.			
305	M2203.2	Supply piping	N	Similar language in IMC section 1305.1	N	N	A, should be fine to leave as written.			
306	M2203.3	Fill piping	N	Similar language in IMC section 1305.6 and 1305.7	N	N	A, should be fine to leave as written.			
307	M2203.4	Vent piping	N	Some similar language in IMC section 1305.7	N	N	A, should be fine to leave as written.			
308	M2203.5	Vent termination	N	Similar language in IMC section 1305.7	N	N	A, should be fine to leave as written.			
309	M2203.6	Cross connection of tanks	N	No similar language found. IFC has requirements for fuel oil tanks including allowable storage size	N	N	A, should be fine to leave as written.			

Changes in the 2024 International Residential Code Chapter 1309 TAG Review Worksheet

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			Y or N		N=None L=Low M=Med H=High	Y or N				
310	M2203.7	Corrosion protection	N	No similar language	N	N	A, should be fine to leave as written.			
311	M2204.1	Pumps	N	Similar language in IMC section 1302.7	N	N	A, should be fine to leave as written.			
312	M2204.2	Shutoff valves	N	Similar language in IMC section 1307	N	N	A, should be fine to leave as written.			
313	M2204.3	Maximum pressure	N	Chapter 8 of NFPA 31 has the 3 pound requirements	N	N	A, should be fine to leave as written.			
314	M2204.4	Relief valves	N	Similar language in IMC sections 1307.4 and 1307.5	N	N	A, should be fine to leave as written.			
315	Chapter 23	Solar thermal energy systems	N	Similar language in IMC Chapter 14	N	N	A, entire chapter should be fine to accept as written			
316	G2401	General	N	Minnesota has scoping amendment	N	N	NEED CCP to address to align with 1346.5101			
317	G2402.1	Scope	N	Similar language in IFGC 201.1	N	N	A, should be fine to leave as written.			
318	G2402.2	Interchangeability	N	Similar language in IFGC 201.2	N	N	A, should be fine to leave as written.			
319	G2402.3	Terms defined in other codes	N	Similar language in IFGC 201.3	N	N	A, should be fine to leave as written.			
320	G2403	Approved	N	IFGC has different language	N	N	CCP to copy requirements in IFGC			
321	G2403	Approved agency	N	IFGC has different language	N	N	CCP to copy requirements in IMC			
322	G2403	Code	N	IFGC has different language	N	N	CCP to copy requirements in IFGC			
323	G2403	Copper alloy	N	No existing definition in 1346	N	N	A, should be fine to leave as written.			
324	G2404.11	Condensate pumps	N	Similar language in IFGC 307.6	N	N	Deleted in IFGC, CCP needed to delete in IRC			
325	G2405	Structural Safety	N	Similar language in IFGC section 302	N	N	A, entire section should be fine to accept as written			
326	G2406.2	Prohibited locations	N	Similar language in IFGC 303.3	N	N	CCP to remove items 3 and 4 as found in IFGC 303.3			

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327	G2407.5, G2407.5.1, G2407.5.2, G2407.5.3, G2407.5.3.1, G2407.5.3.2	Indoor combustion air	N	Similar language in IFGC 304.5	N	N	Follow TAGS recommendation for John Smiths CCP to IFGC 304.5				
328	G2407.6.	Outdoor combustion air	N	Similar language in IFGC 304.6	N	N	Follow TAGS recommendation for John Smiths CCP to IFGC 304.6				
329	G2707.7, G2707.7.1, G2707.7.2,	Combination indoor and outdoor combustion air	N	Similar language in IFGC 304.7	N	N	Follow TAGS recommendation for John Smiths CCP to IFGC 304.7				
330	G2407.9	Mechanical combustion air supply	N	Similar language in IFGC 304.9	N	N	Follow TAGS recommendation for John Smiths CCP to IFGC 304.9				
331	G2407.10	Louvers and grilles	N	Similar language in IFGC 304.10	N	N	Follow TAGS recommendation for John Smiths CCP to IFGC 304.9				
332	G2407.11	Combustion air ducts	N	Similar language in IFGC 304.11	N	N	Follow TAGS recommendation for John Smiths CCP to IFGC 304.11				
333	G2408	Installation	N	Similar language found in IFGC Section 305	N	N	A, entire section should be fine to accept as written				
334	G2409	Clearance reduction	N	Similar language found in IFGC Section 308	N	N	A, entire section should be fine to accept as written				
335	G2410	Electrical	N	Similar language found in IFGC Section 309	N	N	A, entire section should be fine to accept as written				
336	G2411	Electrical bonding	N	Similar language found in IFGC Section 310	N	N	A, entire section should be fine to accept as written				
337	G2412	General	N	Similar language found in IFGC Section 401	N	N	A, entire section should be fine to accept as written				

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338	G2413	Pipe sizing	N	Similar language found in IFGC section 402. Minor changes to tables G2413.4(12) G2413.4(19) G2413.4 (20) minor changes to Section 402.7	N	N	CCP needed to add Table 402.4 (2)A			CCP needed to add Minnesota amended Table 402.4(2)A Pipe sizing for natural gas
339	G2414	Piping materials	N	Similar language found in IFGC Section 403. Minor changes to Table G2414.8.2, Section G2414.9.5	N	N	A, entire section should be fine to accept as written			
340	G2415	Piping system Installation	N	Similar language found in IFGC Section 404	N	N	A, entire section should be fine to accept as written			
341	G2416	Piping bends and changes in direction	N	Similar language found in IFGC Section 405	N	N	A, entire section should be fine to accept as written			
342	G2417	Inspection, testing and purging	N	Similar language found in IFGC Section 406.	N	N	CCP needed to align IFGC section 406.4 with test duration and test gauges in section G2417.4.1			CCP needed to add Minnesota amended sections 406.4.2 and 406.4.3
343	G2418	Drips and slope piping	N	Similar language found in IFGC Section 408.	N	N	A, entire section should be fine to accept as written			
344	G2420	Shutoff valves	N	Similar language found in IFGC Section 409	N	N	Table G2420.1 until CCP for 409.1.4 and 409.2 is submitted and approved			CCP needed to add Minnesota amended sections 409.1.4 and 409.2
345	G2421	Flow controls	N	Similar language found in IFGC Section 410	N	N	A, entire section should be fine to accept as written			
346	G2422	Appliance connections	N	Similar language found in IFGC Section 411	N	N	A, entire section should be fine to accept as written			
347	G2423	Compressed natural gas motor vehicle fuel-dispensing facilities	N	G2423 refers to IFC for information.	N	N	A, entire section should be fine to accept as written			
348	G2424	Piping support intervals	N	Similar language found in IFGC Section 415	N	N	A, entire section should be fine to accept as written			

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349	G2425	General	N	Similar language found in IFGC Section 501	N	N	CCP needed to align G2425.7 with IFGC 501.7 and G2425.8 with IFGC 501.8				
350	G2426	Vents	N	Similar language found in IFGC Section 502	N	N	A, entire section should be fine to accept as written				
351	G2427	Venting of appliances	N	Similar language found in IFGC Section 503	N	N	A, entire section should be fine to accept as written				
352	G2428	Sizing of category I appliance venting systems	N	Similar language found in IFGC Section 504	N	N	A, entire section should be fine to accept as written				
353	G2429	Direct -vent, integral vent, mechanical vent and ventilation/exhaust hood venting	N	Similar language found in IFGC Section 505	N	N	A, entire section should be fine to accept as written				
354	G2430	Factory-built chimneys	N	Similar language found in IFGC Section 506	N	N	A, entire section should be fine to accept as written				
355	G2431	General	N	Similar language found in IFGC Section 601	N	N	A, entire section should be fine to accept as written				
356	G2432	Decorative appliances for installation in fireplaces	N	Similar language found in IFGC Section 602	N	N	CCP needed to align G2432.3 with 1346.5602.3				
357	G2433	Log lighters	N	Similar language found in IFGC Section 603	N	N	CCP needed to align G2433.1 with 1346.5603.1				
358	G2434	Vented gas fireplaces (decorative appliances)	N	Similar language found in IFGC Section 604	N	N	A, entire section should be fine to accept as written				
359	G2435	Vented gas fireplace heaters	N	Similar language found in IFGC Section 605	N	N	A, entire section should be fine to accept as written				
360	G2436	Vented wall furnaces	N	Similar language found in IFGC Section 608	N	N	A, entire section should be fine to accept as written				

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361	G2437	Floor furnaces	N	Similar language found in IFGC Section 609	N	N	A, entire section should be fine to accept as written			
362	G2438	Clothes dryers	N	Similar language found in IFGC Section 613	N	N	A, entire section should be fine to accept as written			
363	G2439	Clothes dryer exhaust	N	Similar language found in IFGC Section 614	N	N	A, entire section should be fine to accept as written			
364	G2440	Sauna heaters	N	Similar language found in IFGC Section 615	N	N	A, entire section should be fine to accept as written			
365	G2441	Pool and spa heaters	N	Similar language found in IFGC Section 617	N	N	A, entire section should be fine to accept as written			
366	G2442	Forced air warm-air furnaces	N	Similar language found in IFGC Section 618	N	N	A, entire section should be fine to accept as written			
367	G2443	Conversion burners	N	Similar language found in IFGC Section 619	N	N	A, entire section should be fine to accept as written			
368	G2444	Unit heaters	N	Similar language found in IFGC Section 620	N	N	A, entire section should be fine to accept as written			
369	G2445	Unvented room heaters	N	Similar language found in IFGC Section 621	N	N	CCP needed to follow Minnesota amendment to IFGC 621			
370	G2446	Vented room heaters	N	Similar language found in IFGC Section 622	N	N	A, entire section should be fine to accept as written			
371	G2447	Cooking appliances	N	Similar language found in IFGC Section 623	N	N	A, entire section should be fine to accept as written			
372	G2448	Water heaters	N	Similar language found in IFGC Section 624	N	N	A, entire section should be fine to accept as written			

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373	G2449	Air-conditioning appliances	N	Similar language found in IFGC Section 627	N	N	A, entire section should be fine to accept as written			
374	G2450	Illuminating appliances	N	Similar language found in IFGC Section 628	N	N	A, entire section should be fine to accept as written			
375	G2451	Infrared radiant heaters	N	Similar language found in IFGC Section 630	N	N	CCP needed to allow vented infrared radiant heaters			
376	G2452	Boilers	N	Similar language found in IFGC Section 631	N	N	A, entire section should be fine to accept as written			
377	G2453	Outdoor decorative appliances	N	Similar language found in IFGC Section 635	N	N	A, entire section should be fine to accept as written			