

Mechanical and Fuel Gas Code TAG

Meeting Notes

Date: Monday, November 4, 2024

Time: 9:00 am to 12:00 pm

Meeting Location: Hybrid—DLI Isanti Room/Webex

Call to order:

Chris Rosival, Chair

Attendance:

TAG Members attending: Jennifer Books, Troy Burger, Kevin Johnson, Lewis Johnson, Kirk Luthe, Tim Manz, Chris Rosival, Mario Salute, John Smith, Brian Stemwedel

Guests attending: Mike Bunnell, Nick Erickson, Ardy Goudarzi, Grace Greene, Patrick Murray, Chad Payment, Jesse Soller, Amanda Spuckler, Jesse Szykulski, Elizabeth Torske, Chris Weaver, Shawn Wetterlin

Worksheet and Code Change Proposal Review:

Reviewed the following Code Change Proposals (CCP) to the 2024 International Mechanical Code (IMC):

- The TAG consensus is to table a code change proposal to modify section 407.1 to include specific addenda to ASHRAE/ASHE Standard 170 that address filter MERV ratings and ventilation rates.
- The TAG consensus is to accept a code change proposal to amend current Minnesota Rules, part 1346.0506, to modify sections 506.5 and 506.5.1 to address pollution control units used for commercial kitchen exhaust systems.
- The TAG consensus is to accept a code change proposal to modify section 509.5.5 to require makeup air to be provided by mechanical means for hazardous exhaust systems.

Reviewed the following Code Change Proposals (CCP) to the 2024 International Fuel Gas Code (IFGC):

- The TAG consensus is to accept a code change proposal to modify section 503.5.11 to replace “installation” with “insulation.” This correction is necessary for consistency with other sections of the code.

Reviewed IMC worksheet items corresponding to the following sections in the 2024 International Mechanical Code (IMC) or current Minnesota Rules Chapter 1346:

- Minnesota Rules, part 1346.0050, Reference to ASHRAE 154-2016
The TAG consensus is to amend this rule part to adopt ASHRAE 154-2022.
- Section 201.4 Terms not defined
The TAG consensus is to amend to align with 1300 TAG.
- Section 202 Ambulatory care facility
The TAG consensus is to amend to align with 1305 TAG.
- Section 202 Commercial cooking appliances
The TAG consensus is to accept the CCP deleting the definition.
- Section 202 Commercial cooking recirculating system
The TAG consensus is to accept the CCP deleting the definition.
- Section 202 Commercial kitchen hoods
The TAG consensus is to accept the CCP deleting the definition.
- Section 202 Compensating hoods
The TAG consensus is to accept the CCP deleting the definition.
- Section 202 Heat pump
The TAG consensus is to accept the CCP modifying the definition.
- Section 303.8 Elevator shafts
The TAG consensus is to accept the CCP modifying the requirements for mechanical systems.
- Table 305.4 Piping support spacing
The TAG consensus is to accept the 2024 IMC model code language.
- Section 305.5 Protection against physical damage
The TAG consensus is to accept the 2024 IMC model code language.
- Section 307.3 Condensate pumps
The TAG consensus is to retain the current modification to this section in Minnesota Rules.
- Minnesota Rules, part 1346.0309 Balancing (Section 309.2 in current code)
The TAG consensus is to delete repeal the current Minnesota amendment and accept the 2024 IMC model language in Section 309 for temperature control.
- Section 401.2 Ventilation required
The TAG consensus is to accept the CCP modifying mechanical ventilation requirements.
- Section 403 Mechanical ventilation
The TAG consensus is to accept the CCP modifying mechanical ventilation requirements.

- Section 501.2 Independent system required
The TAG consensus is to accept the 2024 IMC model code language.
- Section 501.3 Exhaust discharge
The TAG consensus is to accept the CCP modifying requirements for dampers.
- Section 505.3 Exhaust ducts
The TAG consensus is to accept the 2024 IMC model code language.
- Section 505.7 Group I-1 occupancies
The TAG consensus is to table discussion until staff coordinates with the 1305 TAG.
- Section 505.8 Group I-2 occupancies
The TAG consensus is to table discussion until staff coordinates with the 1305 TAG.
- Section 506.3 Ducts serving Type I hoods
The TAG consensus is to retain the current modification in Minnesota Rules.
- Section 506.4 Ducts serving Type II hoods
The TAG consensus is to retain the current modification in Minnesota Rules.
- Section 506.4.1.1 Testing
The TAG consensus is to reconsider the CCP approved on 7/22/24 in order to require a light test for Type II ducts and Type II ducts to be sealed. Staff will draft a CCP to address these issues.
- Section 506.5 Exhaust equipment
The TAG consensus is to accept a code change proposal to amend current Minnesota Rules, part 1346.0506, to modify sections 506.5 and 506.5.1 to address pollution control units used for commercial kitchen exhaust systems.
- Section 509.1 Exception (laboratory ventilation systems that comply with NFPA 45)
The TAG consensus is to retain current Minnesota Rules, part 1346.0510, but renumber due to the new section number in the 2024 IMC.
- Section 509.5.5 Makeup air
The TAG consensus is to accept a code change proposal to modify section 509.5.5 to require makeup air to be provided by mechanical means for hazardous exhaust systems.
- Section 608 Balancing
The TAG consensus is to accept a code change proposal to modify section 608 requirements for balancing of the air distribution, ventilation, and exhaust system.
- Section 1211 Hydronic balancing
The TAG consensus is to accept a code change proposal to modify the requirements for hydronic balancing.

Reviewed IFGC worksheet items corresponding to the following sections in the 2024 International Fuel Gas Code (IFGC) or current Minnesota Rules Chapter 1346:

- Section 310.1 Pipe and tubing other than CSST
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 406.4.1 Test pressure
The TAG consensus is to retain the current Minnesota rule modification.
- Section 406.4.3 Test gauges
The TAG consensus is to retain the current Minnesota rule modification.

Reviewed IFGC worksheet items 114-144 corresponding to the following sections in the 2024 International Fuel Gas Code (IFGC):

- Section 504.3.17 Vertical vent maximum size
The TAG consensus is to repeal the current amendment in Minnesota Rules and to accept the 2024 IFGC model code language.
- Section 504.3.18 Multiple input rate appliances
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 504.3.19 Liner system sizing and connections
The TAG consensus is to repeal the current amendment in Minnesota Rules and to accept the 2024 IFGC model code language.
- Section 602.1 General
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 602.2 Flame safeguard device
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 602.3 Prohibited installations
The TAG consensus is to retain the current modification in Minnesota Rules.
- Section 603.1 Log lighters
A TAG member will submit a CCP since CSA 8 is no longer a valid standard.
- Section 604.1 General
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 605.1 General
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 608.1 General
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 609.1 General
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 610.1 General
The TAG consensus is to accept the 2024 IFGC model code language.

- Section 611.2 Installation
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 612.2 Location
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 613.1 General
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 614.2 Duct penetrations
The TAG consensus is to table discussion until staff coordinates with 1305 TAG.
- Section 614.4.1 Termination location
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 614.6 Booster fans prohibited
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 614.7.1 Closet installation
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 617.1 General
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 618.1 General
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 618.6 Furnace plenums and air ducts
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 620.1 General
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 621 Unvented room heaters
The TAG consensus is to retain the current modification in Minnesota Rules.
- Section 622.1 General
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 623.1 General
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 624.1 General
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 625.1 General
The TAG consensus is to accept the 2024 IFGC model code language.

- Section 627.1 General
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 628.1 General
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 630.1 General
The TAG consensus is to accept the 2024 IFGC model code language.
- Section 630.3 Combustion and ventilation air
The TAG consensus is to table discussion of this section for further review by TAG members.

Next Meeting:

Date: November 18, 2024

Time: 9:00 am to 12:00 pm

Location: Hybrid—DLI Washington Room/Webex

Meeting Adjourned: 12:00 PM

Prepared by: Tim Manz