

Mechanical and Fuel Gas Code TAG

Meeting Notes

Date: Monday, August 19, 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: Troy Burger, Kevin Johnson, Tim Manz, Chris Rosival, Mario Salute, John Smith, Brian Stemwedel

Guests attending: Allison Eastham, Nick Erickson, Ardy Goudarzi, Richard Hauffe, Patrick Murray, Terence Olson, Chad Payment, Jesse Soller, Amanda Spuckler, Gary Thaden, Chris Weaver, Shawn Wetterlin

Worksheet and Code Change Proposal Review:

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

- The TAG consensus is to accept a code change proposal (staff version) to modify section 905.1 that addresses general requirements for fireplace stoves and room heaters. The modifications add “conditions of the listing” and delete “and the manufacturer’s listings instructions” in the first sentence. The original code change proposal was withdrawn by the TAG member who submitted it.
- The TAG consensus is to accept a code change proposal (staff version) to modify section 1002.1 that addresses general requirements for water heaters. The original code change proposal was withdrawn by the TAG member who submitted it, and a TAG member will submit a code change proposal on the two new reference standards.

Reviewed IMC worksheet item 5, 6, 100, 101 & 120 (previously discussed) corresponding to the following sections in the 2024 International Mechanical Code (IMC):

Section 202 Definitions

- Terms not defined
The TAG consensus is to table discussion until 1300 TAG finalizes language.
- Ambulatory care facility
The TAG consensus is to table discussion until 1305 TAG finalizes language.

Section 505.7 Group I-1 occupancies

- The TAG consensus is to table discussion until 1305 TAG finalizes language.

Section 505.8 Group I-2 occupancies

- The TAG consensus is to table discussion until 1305 TAG finalizes language.

Section 512.1 Radon (current exception in MN code)

- The TAG consensus is to retain the current modification in Minnesota Rules.

Reviewed IMC worksheet items 215-260 corresponding to the following sections in the 2024 International Mechanical Code (IMC):

Section 1203.3.4 Solvent cemented joints

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1203.7 CPVC plastic pipe

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1203.8 CPVC/AL/CPVC plastic pipe

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1203.8 Polybutylene plastic pipe and tubing (current MN code—not in 2024 IMC)

- The TAG consensus is to accept the elimination of this section in the 2024 IMC model code language.

Section 1203.9.3 Push-fit fittings

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1203.13 Stainless steel pipe

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1203.14 Stainless steel tubing

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1203.16.3 Push-fit fittings

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1205.1 Where required

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1205.1.6 Expansion tanks

- The TAG consensus is to delete the current modification in Minnesota Rules and to accept the 2024 IMC model code language.

Section 1206.1.1 Prohibited tee applications (current MN code—not in 2024 IMC)

- The TAG consensus is to delete the current modification in Minnesota Rules and to accept the 2024 IMC model code language.

Section 1206.12 Draining and venting (current MN code—not in 2024 IMC)

- The TAG consensus is to delete the current modification in Minnesota Rules and to accept the 2024 IMC model code language.

Section 1209.1 Materials

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1209.3.3 Polybutylene joints (current MN code—not in 2024 IMC)

- The TAG consensus is to accept the elimination of this section in the 2024 IMC model code language.

Section 1209.5 Insulation and thermal break required

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1209.5.2 Insulation material marking

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1209.6 Radiant tubing placement

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1209.6.1 Radiant tubing circuit length

- The TAG consensus is to accept the 2024 IMC model code language.

Table 1209.6.1 Maximum circuit length of radiant tubing from a supply-and-return manifold arrangement

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1209.6.2 Radiant tubing circuit tags

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1209.6.3 Radiant tubing drawings

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1209.7 Snow- and ice-melt tubing placement

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1209.7.1 Snow- and ice-melt tubing circuit length

- The TAG consensus is to accept the 2024 IMC model code language.

Table 1209.7.1 Maximum circuit length of snow- and ice-melt tubing from a supply-and-return manifold arrangement

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1209.7.2 Snow- and ice-melt tubing drawings

- The TAG consensus is to accept the 2024 IMC model code language.

Table 1210.4 Ground-source loop pipe

- The TAG consensus is to table discussion of this section until MN Dept. of Health finalizes rulemaking on Submerged Closed Loop Heat Exchangers.

Table 1210.5 Ground-source loop pipe fittings

- The TAG consensus is to table discussion of this section until MN Dept. of Health finalizes rulemaking on Submerged Closed Loop Heat Exchangers.

Section 1210.6 Joints

- The TAG consensus is to table discussion of this section until MN Dept. of Health finalizes rulemaking on Submerged Closed Loop Heat Exchangers.

Section 1210.6.2 Preparation of pipe ends

- The TAG consensus is to table discussion on this section until MN Dept. of Health finalizes rulemaking on Submerged Closed Loop Heat Exchangers.

Section 1210.8 Installation

- The TAG consensus is to table discussion on this section until MN Dept. of Health finalizes rulemaking on Submerged Closed Loop Heat Exchangers.

Section 1301.4 Fuel tanks, piping, fittings and valves

- The TAG consensus is to accept the 2024 IMC model code language.

Table 1302.3 Fuel oil piping and fittings

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1302.8 Flexible connectors and hoses

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1302.9 Piping systems

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1303.3 Joint preparation and installation

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1303.3.2 Mechanical joints

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1303.3.5 Press-connect joints

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1303.4 Copper or copper-alloy pipe

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1303.7 Steel and stainless steel pipe

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1303.8 Steel and stainless steel tubing

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1402.8.1.2 Rooftop-mounted solar thermal collectors and systems

- The TAG consensus is to accept the 2024 IMC model code language.

Section 1404 Labeling

- The TAG consensus is to accept the 2024 IMC model code language.

Chapter 15 Referenced Standards

- Staff will continue to work on updating standards referenced in the 2024 IMC and MN amendments.

Chapter 16 Installation and testing of oil or liquid fuel-fired equipment (current MN code—not in 2024 IMC)

- The TAG consensus is to delete chapter 16 (Minnesota Rules, parts 1346.1601 to 1346.1606).

Section 313 Carbon monoxide alarms

- The TAG consensus is to table discussion of this section for further review by TAG members. A TAG member will submit a CCP.

Reviewed IFGC worksheet item 1 corresponding to the following section in the 2024 International Fuel Gas Code (IFGC):

Section 101 Scope and administration (MN Rules 1346.5101)

- The TAG consensus is to delete item #13 and to clarify how temporary constructions heaters are addressed in item #1. A TAG member will submit a CCP.

Next Meeting:

Date: September 9, 2024

Time: 9:00 am to 12:00 pm

Location: Hybrid—DLI Isanti Room/Webex

Meeting Adjourned: 12:00 PM

Prepared by: Tim Manz