

# Mechanical and Fuel Gas Code TAG

## Meeting Notes

**Date:** Monday, July 8, 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, Kirk Luthe, Tim Manz, Chris Rosival, Mario Salute, John Smith, Brian Stemwedel

**Guests attending:** Nick Erickson, Tyson Jenkins, Alexis Johnson, Britt McAdamis, Patrick Murray, Terence Olson, Chad Payment, Angela Peterson, Steve Shold, Jesse Soller, Amanda Spuckler, Chris Weaver

### Worksheet and Code Change Proposal Review:

Reviewed IMC worksheet items 154-214 corresponding to the following sections in the 2024 International Mechanical Code (IMC):

Section 901.5 Solid fuel-burning fireplaces and appliances in Group I-2, Condition 2.

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

Section 905.1 General (Fireplace stoves and room heaters)

- The TAG consensus is to modify the section to include UL Standards 1390-24 and 1391-24. A TAG member will submit a CCP.

Section 907.1 General (Incinerators and crematories)

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

Section 908.1 General (Cooling towers, evaporative condensers and fluid coolers)

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

Section 912.1 General (Infrared radiant heaters)

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

Section 912.2 Support (Infrared radiant heaters)

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

Section 916.1 General (Pool and spa heaters)

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

Section 918.1 Forced-air furnaces

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

Section 918.2 Heat pumps

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

Section 920.4 Prohibited uses (Unit heaters)

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

Section 929.1 General (Unvented alcohol fuel-burning decorative appliances)

- The TAG tabled discussion of this section for further review of UL 1370 by a TAG member.

Section 930 General (Large-diameter ceiling fans)

- The TAG tabled discussion of this section for further review of the corresponding requirements in NFPA 13 and the proposed language in 2027 IMC. A TAG member will submit a CCP.

Section 931 General (Steam bath equipment)

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

Section 1001.1 Scope (Boilers, water heaters and pressure vessels—current amendment in MN code)

- The TAG tabled discussion of this section until a TAG member submits a CCP.

Section 1001.2 Scope; boilers; labor and industry. (current amendment in MN Code)

- The TAG tabled discussion of this section until a TAG member submits a CCP.

Section 1001.3 Scope; pressure vessels; labor and industry. (current amendment in MN Code)

- The TAG tabled discussion of this section until a TAG member submits a CCP.

#### Section 1002.4 Water heater pan required

- The TAG tabled discussion of this section until a TAG member submits a CCP.

#### Section 1004.1 Standards

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

#### Section 1006.4 Approval of safety and safety relief valves

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

#### Section 1006.6 Safety and relief valve discharge

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

#### Section 1006.9 Boiler shutdown switch

- The TAG consensus is to retain the current Minnesota rule modification to this section.

#### Section 1007.1 Boiler low water cutoff

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

#### Section 1011.1 Tests

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

#### Section 1101.1 Scope (Refrigeration)

- The TAG tabled discussion of this section until a TAG member submits a CCP.

#### Section 1101.1.1 Refrigerants other than ammonia

- The TAG tabled discussion of this section until a TAG member submits a CCP.

#### Section 1101.2 Factory-built equipment and appliances

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

#### Section 1101.2.1 Group A2L, A2, A3 and B1 high-probability equipment

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

#### Section 1101.6 Maintenance

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

#### Section 1101.7 Changing refrigerant

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

#### Section 1102.1 General (System requirements)

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

#### Section 1102.2.1 Mixing

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

#### Section 1103.1 Refrigerant classification

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

#### Section 1104 Refrigeration system application requirements

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

#### Section 1104.2 Machinery room

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

#### Section 1104.2.2 Industrial occupancies and refrigerated rooms

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

#### Section 1104.3.1 Air conditioning for human comfort

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

#### Section 1104.3.2 Group A2, A3, B2 and B3 refrigerants

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

#### Section 1104.3.3 All occupancies

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

#### Section 1104.3.4 Protection from refrigerant decomposition

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

#### Section 1105.6.3 Ventilation rate

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

Section 1105.8 Ammonia discharge (current section in MN code is removed from 2024 IMC)

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

Section 1105.9 Emergency pressure control system (current section in MN code is relocated to section 1105.8 of 2024 IMC)

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

Section 1105.9 Means of egress

- The TAG tabled discussion of this section for further review by a TAG member of corresponding provisions in the 2024 IBC.

Section 1106.3 Ammonia room ventilation (current section in MN code is removed from 2024 IMC)

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

Section 1106.3 Class 2 and 3 refrigerants

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

Section 1106.4 Group A2L and B2L refrigerants

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

Section 1106.4.1 Elevated temperatures

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

Section 1106.4.2 Refrigerant detector

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

Section 1106.4.3 Mechanical ventilation

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

Section 1107 Piping materials

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

Section 1108 Joints and connections

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

#### Section 1109 Refrigerant pipe sizing

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

#### Section 1110 Refrigerant piping system test

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

#### Section 1111 Periodic testing

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

#### Section 1201.1 Scope (Hydronic piping)

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

#### Table 1202.4 Hydronic piping

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

#### Table 1202.5 Hydronic pipe fittings

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

### **Next Meeting:**

**Date:** July 22, 2024

**Time:** 9:00 am to 12:00 pm

**Location:** Hybrid—DLI Isanti Room/WebEx

**Meeting Adjourned:** 12:00 PM

**Prepared by:** Tim Manz