DEPARTMENT OF LABOR AND INDUSTRY
CONSTRUCTION CODES ADVISORY COUNCIL

Mechanical and Fuel Gas Code TAG

Meeting Notes

Date: Monday, December 2, 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 Brooks, Troy Burger, Lewis Johnson, Kirk Luthe, Tim Manz, Chris Rosival, Mario Salute, John Smith, Brian Stemwedel

Guests attending: Nick Erickson, Patrick Murray, Terence Olson, Chad Payment, Jesse Soller, Amanda Spuckler, Elizabeth Torske, Chris Weaver, Don Sivigny, Shawn Wetterlin, Mike Wilson

Worksheet and Code Change Proposal Review:

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

- The TAG consensus is to table a code change proposal to amend current Minnesota Rules, part 1346.5304, requirements for combustion, ventilation and dilution air. A TAG member will revise the code change proposal.

- The TAG consensus is to accept a code change proposal to delete the log lighter requirements of section 603.1.

Reviewed the following Code Change Proposal (CCP) to the 2024 International Residential Code (IRC):

- The TAG consensus is to accept a code change proposal to modify section M1401.1 to prohibit unvented heaters and appliances.

Reviewed IMC worksheet item 199 corresponding to section 1105.9 of the 2024 International Mechanical Code (IMC):

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

Reviewed IRC worksheet items 1-31 corresponding to the following definitions located in section 202 of the 2024 International Residential Code (IRC):

- The TAG consensus is to accept the 2024 IRC model code language for the following definitions: air circulation, forced; broiler; Btu/h; chimney types; combustion air; condensate; condensing appliance; control limit; control, primary safety; convector; damper, volume; essentially nontoxic transfer fluids; essentially toxic fluids; excess air; exhaust hood, full opening; factory-built chimney; factory built air duct; fuel-piping systems; furnace; local exhaust; locking-type tamper-resistant cap; plenum; relief valve, vacuum; room heater; refrigerant compressor; solar thermal collector; temperature-and pressure-relief (T and P) valve; temperature relief valve; and vent.

Reviewed IRC worksheet items 63-98 and 139-140a corresponding to the following sections in the 2024 International Residential Code (IRC) mechanical provisions:

- Section M1407.1 General
  The TAG consensus is to table discussion of this section for further review by TAG members.

- Section M1407.2 Installation
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1407.3 Installation with heat pumps and air conditioners
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1407.4 Access
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1407.5 Fan interlock
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1408.01 General
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1408.2 Clearances
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1408.3 Location
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1408.4 Access
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1408.5 Installation
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1409.1 General
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1409.2 Location
  The TAG consensus is to table discussion until staff submits a CCP.

- Section M1409.3 Installation
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1409.4 Access
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1410.1 General
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1410.2 Floor mounting
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1411.1 Approved refrigerants
  The TAG consensus is to table discussion of this section for further review by TAG members. A TAG member will submit a CCP to align with the modification to IMC section 1101.1.1.

- Section M1411.2 Refrigerant system listing
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1411.3 Refrigerant system installation
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1411.4 Field installed accessories
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1411.5 Signs and identification
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1411.6 Refrigerant charge
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1411.7 Group A2L refrigerant piping testing
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1411.8 Refrigeration coils in warm air furnaces
  The TAG consensus is to accept the 2024 IRC model code language.

- Table M1411.9 and following sections Condensate disposal
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1411.10 Condensate pumps
  The TAG consensus is to table discussion of this section for further review by TAG members. A TAG member will submit a CCP.

- Section M1411.11 Auxiliary drain pan
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1411.12 Insulation of refrigerant piping
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1411.12.1 Refrigerant line insulation protection
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1411.13 Location and protection of refrigerant piping
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1411.14 Support of refrigerant piping
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1411.15 Locking access port caps
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1412 and following sections on absorption cooling equipment
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1413 Evaporative cooling equipment
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1414 and following sections on fireplace stoves
  The TAG consensus is to accept the 2024 IRC model code language.

- Chapter 15 Exhaust systems
  The TAG consensus is to table discussion of this chapter (worksheet items 99-139) for further review by TAG members.

- Section M1601.1 Duct design
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1601.1.1 Above-ground duct systems
  The TAG consensus is to accept the 2024 IRC model code language.

- Table M1601.1.1 Duct construction minimum sheet metal thickness for single family dwellings units
  The TAG consensus is to accept the 2024 IRC model code language.

- Section M1601.1.2 Underground duct systems
  The TAG consensus is to table discussion of this section for further review by TAG members. A TAG member will submit a CCP.

- Section M1601.2 Vibration isolators
  The TAG consensus is to accept the 2024 IRC model code language.

Next Meeting:

Date: December 16, 2024
Time: 9:00 am to 12:00 pm
Location: Hybrid—DLI Washington Room/Webex

Meeting Adjourned: 12:00 PM

Prepared by: Jesse Soller