

# Mechanical & Fuel Gas Code TAG

## Meeting Notes

**Date:** Friday, February 2, 2018

**Meeting Location:** DLI Washington Room

**Call to order:** Chris Meier called the meeting to order at 1:00 p.m.

### Attendance:

**TAG Members present:** Chris Meier (DLI), Don Sivigny (DLI), John Smith (ASHRAE), John Rued (City of Monticello), Todd Landon (MMCA), Joseph Strohmeyer (MAPMO), Jared Ellingson (MAPMO)

**Guests attending:** Gary Thaden, Tim Daugherty, Tom Johnson, Tim Manz, Pat McCullough, Marlin Klabo, Amanda Spuckler, Suzanne Todnem

### Worksheet and Code Change Proposal Review:

Reviewed 2018 IFGC chapters 1, 2, and 3.

Minn. R. part 1346.5050 will be amended to adopt the 2018 IFGC.

The consensus was not to change Minn. R. parts 1346.5060, 1346.0101, and 1346.5201. Minn. R. part 1346.5303 must be renumbered for consistency with the 2018 IFGC.

Minn. R. part 1346.5202 defines *power vent appliance* as “an appliance with a venting system that uses a fan or other mechanical means to cause the removal of flue or vent gases under positive static vent pressure.” The 2018 IFGC definitions for *category III vented appliance* and *forced-draft venting systems* are similar to the power vent appliance definition in Minnesota Rule. These definitions must be reviewed for consistency with 2018 IMC chapters 2 and 5 and will be discussed when those chapters are reviewed.

The 2018 IFGC defines *ready access* as “that which enables a device, appliance or equipment to be directly reached, without requiring the removal or movement of any panel, door or similar obstruction.” Some devices, appliances, or equipment are elevated and require a ladder or stair to access. Discussion focused on if equipment has *ready access* if a ladder is required for access. This item was tabled to allow further research.

The 2018 IFGC section 303.3.1 prohibits gas fireplaces and other decorative gas appliances from Group I-2, Condition 2 occupancies unless they are direct-vent appliances installed in public lobbies and waiting areas that

are not within smoke compartments that contain patient sleeping areas. Minnesota Department of Health and State Fire Marshal must review this item.

Minn. R. part 1346.5304 states, "Combustion air for power burner appliances equipped with a draft control device and having an input above 400,000 Btu/hr shall have a net free area of 0.2 square inches per 1,000 Btu/hr." The 2018 IFGC requires power burners to be installed based on the appliance manufacturer requirements, which eliminates the need for combustion air to be specified in Minnesota Rule. This item was tabled to allow for additional research.

2018 IFGC section 304.6.2 describes the one permanent opening method and was accepted unless there is conflict with the NFPA standards.

2018 IFGC section 304.6.1 describes the two permanent openings method to bring in outside air. This section will be deleted because it applies to warmer climates. Section 304.11 with requirements for the two permanent openings method will also be deleted.

2018 IFGC section 306.5 describes the requirements for mechanical equipment and appliances on roofs or elevated structures. The IFGC section was not accepted and Minn. Rule 1346.5306 will not be amended. The current language in the Minnesota amendment mirrors the language in the IBC.

2018 IFGC section 307.6 requires condensate pumps in uninhabitable spaces to be connected to an appliance or equipment so that if the pump fails then the appliance or equipment stops working. This could result in water collecting on public walkways and freezing. This item was tabled to allow for additional research.

2018 IFGC section 306.6 requires guards to be provided where components and roof hatch openings are within 10 feet of the roof edge or open side of the walking surface and are located more than 30 inches above the floor or roof. This item was tabled to allow for research of the OSHA requirements.

2018 IFGC section 310.2 describes the standards for corrugated stainless steel tubing and clarifies bonding for it. The TAG consensus was to accept this section as written. No amendments or changes were suggested.

## **Assignments:**

Review 2018 IMC chapter 3 and 4 and 2018 IFGC chapter 4.

## **Next Meeting:**

**Date:** February 9, 2018

**Time:** 1:00 PM – 3:00 PM

**Location:** DLI Washington Room

**Meeting Adjourned:** at 2:50 p.m.

**Prepared by:** Don Sivigny