

**2021 DENVER AMENDMENTS TO
THE 2021 EDITION OF THE
INTERNATIONAL FUEL & GAS
CODE
AND APPENDICES AS PUBLISHED
BY INTERNATIONAL CODE
COUNCIL (ICC)**

CHAPTER 1 ADMINISTRATION

SECTION 101

GENERAL

Section 101.1 Title is amended by inserting “City and County of Denver” for the name of the jurisdiction.

Sections 103 through 106, 108, and 109 are amended by deleting those sections in their entirety. The “Administration of the ~~2019~~ Denver Building Code” provisions shall govern.

Commented [MOU1]: No need for date. Or update it.

CHAPTER 4 GAS PIPING INSTALLATIONS

SECTION 403 PIPING MATERIALS

Section ~~403.4.3~~ **403.3.3** Copper and **brass copper alloy** is replaced in its entirety as follows:

~~403.4.3~~ **403.3.3** Copper and **brass copper alloy** Copper and brass pipe shall not be used.

Section ~~403.5.3~~ **403.4.3** Copper and brass tubing is replaced in its entirety as follows:

~~403.5.3~~ **403.4.3** Copper and brass tubing. Copper and brass tubing shall not be used.

SECTION 404 PIPING SYSTEM INSTALLATION

Section 404.3 Prohibited locations is amended by adding the following sentence:

Gas meters shall not be located in or under any building unless the meter is located in its own dedicated, adequately ventilated vault.

SECTION 406 INSPECTION, TESTING AND PURGING

Section 406.4.1 Test pressure is replaced in its entirety as follows:

406.4.1 Test pressure. The test pressure to be used shall be no less than 1½ times the proposed maximum working pressure, but not less than 10 psig (69 kPa gauge), irrespective of design pressure. For welded piping and for piping carrying gas at pressures exceeding 14 inches water column (3.5 kPa gauge) pressure, the test pressure shall be no less than 60 psig (414 kPa gauge). Where the test pressure exceeds 125 psig (862 kPa gauge), the test pressure shall not exceed a value that produces a hoop stress in the piping greater than 50 percent of the specified minimum yield strength of the pipe.

Commented [MOU2]: This is a modification made in the 2015 IFGC.

**CHAPTER 5
CHIMNEYS AND VENTS**

**SECTION 501
GENERAL**

Section 501.8 Appliances not required to be vented is amended by deleting #8 in its entirety.

CHAPTER 6 SPECIFIC APPLIANCE

SECTION 609 FLOOR FURNACES

Section 609 Floor furnaces is replaced in its entirety as follows:

609 Floor furnaces. Floor furnaces are prohibited.

SECTION 611 NONRECIRCULATING DIRECT-FIRED INDUSTRIAL AIR HEATERS

Section 611.2 Installation is amended by adding the following paragraph:

Non-recirculating, direct-fired industrial air heaters shall be installed only in Group F, H, S and U occupancies and in commercial kitchens as makeup air for range hood exhaust systems. Such equipment shall only be used in conjunction with powered exhaust systems having an airflow capacity equal to or exceeding the capacity of the direct-fired heater to prevent the accumulation of products of combustion.

Section 611.7 Relief opening is deleted in its entirety.

SECTION 612 RECIRCULATING DIRECT-FIRED INDUSTRIAL AIR HEATERS

Section 612.3 Installation is amended by adding the following paragraph:

Recirculating direct-fired industrial air heaters may be installed only in Group F, H, S and U occupancies. All areas served by recirculating direct-fired industrial heaters must be protected by the installation of CO sensors spaced per manufacturer's recommendations. Whenever automatic carbon monoxide sensing devices exceed the NAAQS of 9 ppm for an 8-hour average or 35 ppm for a one-hour average, the CO sensors shall activate an increase in the exhaust air volume in order to reduce CO concentrations back below those prescribed levels.

Section 612.7 Relief opening is deleted in its entirety.

SECTION 621 UNVENTED ROOM HEATERS

Section 621 Unvented room heaters is replaced in its entirety as follows:

621 Unvented room heaters. Unvented room heaters are prohibited.

SECTION 623 COOKING APPLIANCES

Section 623.3.1 Residential cooking appliances vented by exhaust hoods is added as follows:

623.3.1 Residential cooking appliances vented by exhaust hoods. Where residential cooking appliances are gas-fired, a fan powered exhaust system shall be installed and must be vented to the outside. The system shall be sized and installed in accordance with the range manufacturer's instructions. Where not specified by the manufacturer, other *approved* published methods shall be used.