

2015 Recommended Mechanical Code with Amendments

A **resolution** of the **Central Iowa Code Consortium** recommending adoption of the 2015 edition of the *International Mechanical Code (with all State of Iowa Amendments)*, regulating and governing the design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of mechanical systems.

The **Executive Committee** of the **Central Iowa Code Consortium** does ordain as follows:

Section 1. That a certain document, being marked and designated as the *International Mechanical Code*, 2015 edition, as published by the International Code Council, be and is hereby adopted as the Mechanical Code of the participating communities of the **Central Iowa Code Consortium**, for regulating and governing the design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of mechanical systems as herein provided; providing for the issuance of permits and collection of fees therefor; and each and all of the regulations, provisions, penalties, conditions and terms of said Mechanical Code are hereby referred to, adopted, and made a part hereof, as if fully set out in this legislation, with the additions, insertions, deletions and changes, if any, prescribed in Section 2 of this resolution.

Section 2. The following sections are hereby revised:

Delete all references to the “International Fuel Gas Code” and insert in lieu thereof “NFPA 54 and NFPA 58”

Modify Code Section: IMC 306.1

Insert the following language at the end of the code section:

An unobstructed level working space at least 30 inches deep and 30 inches wide shall be provided on any side of equipment where service access is required. Code official or designee may approve service space reductions prior to equipment installation, provided manufacturer's instructions are met. (Excluding suspended ceiling)

Modify Code Section: IMC 306.5

Insert the following language at the end of the code section:

If the tenants of a multiple tenant building have, or are allowed to have, mechanical facilities on or which penetrate the roof, then roof access ladders must be provided for

use by all such tenants and their agents and contractors in a manner that does not require accessing space under the control of another tenant.

Delete Code Section: IMC 307.2.4.1

Replace with the following language:

307.2.4.1 Ductless mini-split system traps. Ductless mini-split equipment that produces condensate shall be installed per manufacturer's instructions.

Delete Code Section: IMC 401.2

Replace with the following language:

401.2 Ventilation required. Every occupied space shall be ventilated by mechanical means in accordance with section 403. Where the air infiltration rate in a dwelling is less than 5 air changes per hour when tested with a blower door at a pressure of .2 inches of water column in accordance with Section 402.4.1.2 of the energy conservation code, the dwelling shall be ventilated by mechanical means in accordance with Section 403.

Delete Code Section: IMC 402

Do not replace with any additional language:

Modify Code Section: IMC 603.1

Insert the following language at the end of the code section:

Air plenums and ducts located in floor and wall cavities shall be separated from unconditioned space by construction with insulation to meet energy code requirements. These areas include but are not limited to exterior walls, cantilevered floors, and floors above garages.

Modify Code Section: IMC 603.6.1.1

Insert the following language at the end of the code section:

Flexible air ducts shall be designed and installed per manufacturer's installation instructions and requirements.

Modify Code Section: IMC 1107.5.4

Insert the following language at the end of the code section:

All press-connect fittings must be listed and labeled for refrigerant piping and installed per manufacturer's instructions.

FINAL RECOMMENDATION