

4101:2-6-01 Duct systems.

Chapter 6 of the International Mechanical Code, 2021 edition, as incorporated by reference and modified in Section 101.1.1 of this code, is further modified as follows:

(A) Modify section 602.2.1.1 to add exception to read as follows:

Exception: Wiring methods installed in accordance with Section Article 645 of NFPA 70 are permitted for electrical installations in plenums of information technology equipment areas and information technology equipment rooms that comply with the construction requirements of NFPA 75 and Article 645 of NFPA 70. The information technology equipment area is required to be separated from other areas of the building by a minimum of a one-hour fire barrier construction in accordance with the building code. The information technology equipment room is required to be separated from other areas of the building and the information technology equipment area by a minimum of one-hour fire barrier constructed in accordance with the building code.

(B) Modify section 603.8.2 as follows:

The last sentence is to read “Ducts are to be leak tested as required by the applicable energy conservation code referenced in Chapter 13 of the building code”.

(C) Modify section 606.2.1 as follows:

Change “International Fire Code” to “building code”.

(D) Modify section 606.4.1 as follows:

Change “International Fire Code” to building code”.

(E) Modify section 607.5.2 exceptions 3.1 and 3.2 as follows:

Delete the word “Nonmetallic” from the beginning of each exception.

(F) Modify section 607.5.3 by adding a sentence at the end and adding 2 exceptions to read as follows:

Flexible air connectors are not to be prohibited in fully ducted sheet steel duct systems where the installation meets either of the following:

1. Flexible air connectors are installed to connect ducts to air handling equipment and such connectors are located entirely within the mechanical room that contains the air handling equipment.
2. Flexible air connectors are installed to connect an overhead metal duct to a ceiling diffuser and such connector is located entirely within the same room as the ceiling diffuser. The flexible air connectors are not to pass through any walls, floors or ceilings.

(G) Modify section 607.5.5, exception 2 to read as follows.

2. Deleted.

(H) Modify section 607.5.5 by adding a new exception that reads as follows:

6. Smoke dampers are not required where the building is equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 of the building code.

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Certification

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