

4101:2-3-01 General regulations.

Chapter 3 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 301.1 as follows:**
Change the word ‘approval’ to ‘design’.
- (B) Modify Section 301.3 as follows:**
Add “and any markings required by the applicable referenced standard.” to the end of the paragraph.
- (C) Modify Section 301.4 as follows:** Replace “third party certified” with “listed”.
- (D) Replace Section 301.5 with the following:**
301.5 Approved agency testing and certification. Piping, tubing and fittings are to be either tested or listed by an approved agency as complying with the applicable referenced standards, specifications and performance criteria of this code and are to be identified in accordance with Section 301.3.
- (E) Modify section 301.6 as follows:**
Change the word ‘approval’ to ‘design’ and add the following exception:
Exception: Section 4104.44 of the Revised Code governs the requirements for welding and brazing of metallic *building services piping* systems referenced by this code, including fuel gas piping.
- (F) Modify section 301.7 as follows:**
Change “Section 105” to “Section 114 of the building code”.
- (G) Replace section 310.1 with the following:**
310.1 Required. Structures occupied for purposes involving explosion hazards are to be provided with explosion control where required by the building code or the International Fire Code. Explosion control systems are to be designed and installed in accordance with Section 911 of the International Fire Code.
- (H) Replace section 311.1 with the following:**

311.1 Required. Approved smoke and heat vents are to be installed in the roofs of one-story buildings where required by the building code. Smoke and heat vents are to be designed and installed in accordance with the building code.

(I) Replace section 312.1 with the following:

312.1 Load calculations. Heating and cooling system design loads for the purpose of sizing systems, appliances and equipment are to be determined in accordance with the procedures described in the ASHRAE/ACCA Standard 183. Alternatively, design loads are to be determined by an approved equivalent computation procedure, using the design parameters specified in the applicable energy conservation code referenced in Chapter 13 of the building code.

(J) Add new section 313 to read as follows:

SECTION 313 WELDING AND BRAZING

313.1 General. Section 4104.44 of the Revised Code governs the requirements for welding and brazing of metallic *building services piping* systems referenced by this code.

Replaces: 4101:2-3-01
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CERTIFIED ELECTRONICALLY

Certification

08/11/2023

Date

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