



# OKLAHOMA

## Uniform Building Code Commission Staff Comment Form - BEBF 4

### BEBF Technical Committee

Review of the 2021 Editions of the International Building Code® (IBC®), International Existing Building Code® (IEBC®), International Fire Code®

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#### Code Change Information

Originating Committee: BEBF 2018

Code Modified: 2018 IBC

Original Comment Form Number: CCF-122

Rule Number: 748:20-2-9 (1), 748:20-2-32 (1) & 748:20-2-40 (15)

#### Which area of the code (Section, Table, Figure) was revised?

IBC Section R403.4.8.2, Section 2702.1.2, and Ch 35 Referenced Standards

Page Number: IBC 4-7; IBC 27-1; and IBC 35-29

#### Previous change:

**[F] 403.4.8.2 Fuel line piping protection.** Fuel lines supplying a generator set inside a high-rise building shall be separated from areas of the building other than the room the generator is located in by ~~an approved method or one~~ of the following methods:

1. A fire resistant pipe-protection system that has been tested in accordance with UL 1489. The system shall be installed as tested and in accordance with the manufacturer's installation instructions and shall have a rating of not less than 2 hours. Where the building is protected throughout with an automatic fire sprinkler system installed in accordance with Section 903.3.1.1, the required rating shall be reduced to 1 hour.
2. An assembly that has a fire-resistance rating shall be reduced of not less than 2 hours. Where the building is protected throughout with an automatic sprinkler system installed in accordance with Section 903.1.1, the required fire-resistance rating shall be reduced to 1 hour.
3. Other approved methods.

**2702.1.2 Fuel-line piping protection.** Fuel lines supplying a generator set inside a high-rise building shall be separated from areas of the building other than the room the generator is located in by an approved method, or one of the following methods:

1. A fire-resistant pipe-protection system that has been tested in accordance with UL 1489. The system shall be installed as tested and in accordance with the manufacturer's installation instructions and shall have a rating of not less than 2 hours. Where the building is protected throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1, the required rating shall be reduced to 1 hour.

2. An assembly that has a fire-resistance rating of not less than 2 hours. Where the building is protected throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1, the required fire-resistance rating shall be reduced to 1 hour.

3. Other approved methods.

**Chapter 35 Referenced Standards:**

UL 1489-2016 Fire Resistant Piping Protection Systems Carrying Combustible Liquids. Code referenced sections: 403.4.8.2 and 2702.1.2.

**Historical information:**

The change was made to provide another option for protection of fuel lines supplying a generator set inside a high-rise building. The change brought in language from the 2021 code. That code language and the referenced standard exist in the 2021 code.

Staff recommendation is to delete the change from the agency rules and revert to the published 2021 code.