



OKLAHOMA

Uniform Building Code Commission Staff Comment Form - [BEBF 5](#)

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: [AFPTC 2015](#)

Code Modified: [2018 IBC](#)

Original Comment Form Number: [AFPTC 27 & 28](#)

Rule Number: [748:20-2-9 \(2\) and \(3\)](#)

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

[IBC Section 406.7.2.1 & 406.7.2.2](#)

Page Number: [IBC 4-14](#)

Previous change:

406.7.2.1 Canopies used to support ~~lighter-than-air hydrogen~~ gaseous systems. Canopies that are used to shelter dispensing operations where flammable compressed gases are located on the roof of the canopy shall be in accordance with the following:

1. The canopy shall meet or exceed Type I construction requirements
2. Operations located under canopies shall be limited to refueling only.
3. The canopy shall be constructed in a manner that prevents the accumulation of ~~hydrogen~~ gas.

406.7.2.2 Canopies sheltering units and devices that dispense lighter-than-air gas. Where CNG, LNG, or Hydrogen motor fuel dispensing devices are installed beneath a canopy, the canopy shall be designed to prevent the accumulation or entrapment of ignitable vapors, including provisions for natural or mechanical ventilation means, or all electrical equipment installed beneath the canopy or within the enclosure shall be suitable for Class I, Division 2 hazardous (classified) locations. Tank vents that are installed within or attached to the canopy shall extend a minimum of 5 feet (1524 mm) above the highest projection of the canopy. Compression and storage equipment located on the top of the canopy shall be in accordance with current State of Oklahoma adopted International Fire Code®, Section 2309.

Historical information:

The change was made to the AFPTC committee to the 2015 IBC and carried forward to the 2018 adoption.

These changes are not in the 2021 published code language. Unless there is some industry-specific issue with the changes, staff recommends leaving the changes as written in the agency rules.