



OKLAHOMA

Uniform Building Code Commission Staff Comment Form – **BEBF 86**

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 IFC

Original Comment Form Number: AFPTC22

Rule Number: 748:20-4-28 (16) & (17)

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

IFC Ch 23, Section 2311.8.1 and 2311.8.1.1 Page Number: 2021 IFC 23-16

Previous change:

2311.8.1 Preparation of vehicles for repair. For vehicles powered by gaseous fuels, the fuel shutoff valves shall be closed prior to repairing any portion of the vehicle fuel system.

Vehicles powered by gaseous fuels in which the fuel system has been damaged shall be inspected and evaluated for fuel system integrity prior to being brought into the repair garage. The inspection shall include testing of the entire fuel delivery system for leakage. Liquefied Natural Gas (LNG) vehicles shall comply with Section 2311.8.1.1 as applicable.

2311.8.1.1. Liquefied Natural Gas. Liquefied Natural Gas (LNG) vehicle fuel system pressure shall be measured and recorded prior to entering the repair facility and at least every third day the vehicle remains in the building. Records shall be posted on the windshield of the vehicle. The maximum allowable system pressure shall be no more than 170 psig. Pressure above 170 psig shall be reduced by operating the vehicle, or limited venting outdoors as required.

Historical information:

These modifications were added by the AFPTC to provide additional safety measures to ensure the pressure of the LNG tank did not increase over time while the vehicle was parked in a garage for repairs. The added language does not exist in the 2021 code.