



OKLAHOMA

Uniform Building Code Commission Staff Comment Form – **BEBF 90**

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 IFC

Original Comment Form Number: CCF 99
R1

Rule Number: 748:20-4-44 (7), (8), (9), (10) &
(11)

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

IFC Ch 39, Section 3903.6 through
3903.6.4

Page Number:

Previous change:

3903.6 Liquefied petroleum gas. Plant processing and extraction utilizing liquefied liquefied petroleum gases gas shall not be released to the atmosphere except where released in accordance with Section 7.3 of NFPA 58 comply with Section 3903.6.1 through 3903.6.4 and other applicable provisions of this code.

3903.6.1 Release of gas. Liquefied petroleum gases shall not be released to the atmosphere except where released in accordance with Section 7.3 of NFPA 58®.

3903.6.2 Exhaust. Plant processing and extraction utilizing liquefied petroleum gas, including processes for off-gassing spent plant material and oil retrieval, shall be located under a chemical fume hood, and listed in accordance with UL1805. Exception: A chemical fume hood is not required where an approved exhaust system is installed in accordance with NFPA 91®.

3903.6.3 Electrical. The extraction room where liquefied petroleum gas is used as a solvent shall be classified as Class I, Division I hazardous location in accordance with NFPA 70®. All conductive equipment and conductive objects within the extraction room shall be bonded and grounded with a resistance of less than 1.0 times 10 to the sixth power ohms in accordance with NFPA 70®.

3903.6.4 Automatic fire-extinguishing system. Chemical fume hoods and enclosures, including ductwork required by Section 3903.6.2 shall be provided with an automatic fire-extinguishing system complying with Section 903.3.1.1, 904.6, 904.8 or 904.10.

Historical information:

These modifications were made to expand the requirements for Liquefied petroleum gas to cover not only the release of gas, but exhaust, electrical and automatic fire-extinguishing system requirements for use in the processing and extraction of plant material to better provide for life safety requirements.