



OKLAHOMA

Uniform Building Code Commission Staff Comment Form – **BEBF 89**

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 98

Rule Number: 748:20-4-44 (6)

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

IFC Ch 39, Section 3903.5

Page Number:

Previous change:

3903.5 Use of flammable and combustible liquids. The use of flammable and combustible liquids for liquid extraction processes, including dispensing of flammable liquids between containers, where the liquid is boiled, distilled, or evaporated shall be located within a hazardous exhaust fume hood, rated for exhausting flammable vapors and listed in accordance with UL 1805. Electrical equipment used within the hazardous exhaust fume hood shall be rated for use in flammable atmospheres. Heating of flammable or combustible liquids over an open flame is prohibited. ~~Exception~~ **Exceptions:**

(A) The use of a heating element not rated for flammable atmospheres, where documentation from the manufacturer, or approved testing laboratory indicates the element is rated for heating of flammable liquids.

(B) Unheated processes at atmospheric pressure using less than 16 oz. (473 ml) of flammable liquids are not required to be located within a hazardous exhaust fume hood.

(C) A hazardous exhaust fume hood is not required where an approved exhaust system is installed in accordance with NFPA 91®. Electrical equipment used within this room shall be rated for use in flammable atmosphere.

Historical information:

This modification was made by the BEBF-2018 committee to specify the use of flammable and combustible liquids for liquid extraction processes, including the dispensing of flammable liquids between containers, where the liquid is boiled, distilled or evaporated, to be located within a hazardous exhaust fume hood, rated for exhausting flammable vapors and listed in accordance with UL 1805. Further the change requires all electrical equipment used within the hazardous exhaust fume hood to be rated for use in flammable atmospheres and prohibits the heating of flammable or combustible liquids over an open flame and provides exceptions when certain conditions are met. The added language and exceptions do not exist in the 2021 code.