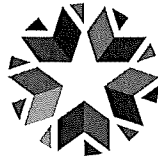


BEBF-103



# OKLAHOMA

## Uniform Building Code Commission Technical Code Review Committee

### Public Comment Form

**NOTE:** This form and any attachments hereto are subject to the Oklahoma Open Records Act and may be disbursed, upon request, without further notice to the submitter.

#### INSTRUCTIONS:

1. Please type or print clearly.
2. Form must be signed. Any forms that are not signed or filled out completely, may not be considered.
3. Each requested change must be on a separate form.
4. If the space to show the proposed change or supporting information is not big enough to show the entire change, write the words "See Attached" in the space provided and submit the change on a separate page.

#### Contact Information:

Name Scott Lang

Address 3825 Ohio Ave

City St. Charles State IL Zip 60174

Email Address scott.lang@honeywell.com Phone Number 630-762-5257

#### Code Change Information:

Will this change increase the cost of construction? Yes  No

Which code needs to be revised? 2021 International Fire Code

Which section of the code needs to be revised?

Section 1207.1.4 Table \_\_\_\_\_ Figure \_\_\_\_\_ Page \_\_\_\_\_

**Proposed Change:**

Show the proposed new, revised, or deleted text in Legislative format. Line through text to be deleted and underline text to be added or revised.

1207.1.4 Hazard mitigation analysis.  
A failure modes and effects analysis (FMEA) or other approved hazard mitigation analysis shall be provided in accordance with Section 104.8.2 under any of the following conditions:

- (1) Where ESS technologies not specifically identified in Table 1207.1 are provided.
- (2) More than one ESS technology is provided in a room or enclosed area where there is a potential for adverse interaction between technologies.
- (3) Where allowed as a basis for increasing maximum allowable quantities. See Section 1207.5.2.
- (4) Where required by the AHJ to address a potential hazard with an ESS installation that is not addressed by existing requirements

**Supporting Information:**

State the purpose and reason for the change and provide substantiation to support the proposed change.

This change is taken from the 2023 edition of NFPA 855 Section 4.4.1 (HMA), which attempts to clarify situations where hazard mitigation analyses are required. Existing electrochemical energy storage systems which are not listed to UL 9540 pose a potential hazard to the public and emergency responders and they should be analyzed to determine what additional protections may be required.

Signature: Scott Lang Digitally signed by Scott Lang  
Date: 2023.04.24 12:54:06  
-05'00' Date: 4/24/23

Send completed form to:  
Oklahoma Uniform Building Code Commission  
2401 N.W. 23 St, Ste 82, Oklahoma City, OK 73107  
Or email to [Kathy.Hehnl@oubcc.ok.gov](mailto:Kathy.Hehnl@oubcc.ok.gov) or [Lindsay.Heinrichs@oubcc.ok.gov](mailto:Lindsay.Heinrichs@oubcc.ok.gov)

\* Full Proposed Change on Next Page

#### **1207.1.4 Hazard mitigation analysis.**

A failure modes and effects analysis (FMEA) or other approved hazard mitigation analysis shall be provided in accordance with Section 104.8.2 under any of the following conditions:

- (1) Where ESS technologies not specifically identified in Table 1207.1 are provided.
- (2) More than one ESS technology is provided in a room or enclosed area where there is a potential for adverse interaction between technologies.
- (3) Where allowed as a basis for increasing maximum allowable quantities. See Section 1207.5.2.
- (4) Where required by the AHJ to address a potential hazard with an ESS installation that is not addressed by existing requirements
- (5) Where required for existing lithium-ion ESS systems that are not UL 9540 listed
- (6) Where required for outdoor lithium-ion battery ESS systems