

BEBF-118



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 Bryant VanFossen

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Code Change Information:

Will this change increase the cost of construction? Yes No

Which code needs to be revised? IFC + IBC

Which section of the code needs to be revised?

Section 903.3.8.5 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.

903.3.8.5 Calculations
Hydraulic calculations in accordance with NFPA 13 shall be provided to demonstrate that the available water flow and pressure are adequate to supply all sprinkler installed in any single fire area with discharge densities corresponding to the hazard classification. The minimum safety factor for these calculations shall be 10% of the sprinkler demand pressure or 5 psi, whichever is greater.

Supporting Information:

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

This is pretty well the industry standard. There is currently not a state wide minimum safety factor for these calculations. This would put all municipalities on the same level playing field unless they were more strict. This would aid in contractor's design in knowing what safety factor they had to design to.

Further reasons for the safety factor are:

1. The Flow test used for the design is only a snapshot in time. The actual water supply may fluctuate.
2. This provides the ability to add on to the building in the future without much concern over whether or not the sprinkler system can handle the increased pipe length.

Signature: Bryant VanFossen Digitally signed by Bryant VanFossen
Date: 2023.05.19 11:45:04 -05'00' Date: 5/19/23

Send completed form to:
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