AMENDMENT PROPOSAL

Please provide all of the following items in your amendment proposal:

<table>
<thead>
<tr>
<th>Code Sections/Tables/Figures Proposed for Revision:</th>
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<tbody>
<tr>
<td>DBC-IFC 908.3 and 908.4 (new)</td>
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<tr>
<td>DBC-IFC 908.4.1</td>
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</table>

Proposal:

Add new text as follows:

908.3 Emergency Fuel Shut Off (EFSO) for Aircraft Fueling. Emergency alarms for notification of an emergency condition involving aircraft fueling shall be provided as required in Section 2006.6.

908.4 Emergency alarm systems. Manual emergency alarm systems shall be designed in accordance with this section and the manual fire alarm requirements of NFPA 72. Manual emergency alarm-initiating devices shall be yellow or amber, comply with the mounting requirements of IFC Section 907.4.2 and be installed outside of each interior exit and exit access door, and inside of each exterior exit and exit discharge directly serving the potentially contaminated area(s) identified in IFC Sections 908.1 through 908.3 unless otherwise approved by the fire code official.

Emergency alarm systems shall be monitored by the building fire or sprinkler alarm control panel unless otherwise approved by the fire code official. An emergency alarm system shall be enunciated as a separate zone on the building annunciator and transmitted to the supervising station. Where the fire or sprinkler alarm control panel is not monitored by a supervising station, an enunciation shall be provided in an approved location. Floor plans of the area protected by an emergency alarm system shall be provided as part of the building graphic maps.

Audible and visible emergency alarm notification appliances shall be installed on the interior and exterior of the areas identified in IFC Sections 908.1 through 908.2 per the notification requirements of NFPA 72. Audible and visible notification appliances along with clearly legible signage shall be installed inside and outside of these occupancies in approved locations to alert all occupants possibly inside or entering the potentially contaminated area.

Audible emergency alarm notification shall have tone and pattern distinctly different from fire alarm notification. Visible notification appliances shall be amber strobes or beacons. Subject to the approval of the fire code official, complete notification in accordance with NFPA 72 throughout a building or facility beyond the potentially contaminated area is not required provided the potential for migration of the hazard to other occupied areas is small. Signage shall be placed adjacent to the amber strobes/horns. The sign shall have a minimum
2-inch block lettering with a minimum ½-inch stroke unless otherwise approved by the fire code official. The sign shall be on a contrasting surface of black on yellow and shall be of durable construction. Language shall be as approved by the fire code official.

Revise as follows:

Section 908.8.1 908.4.1 Emergency alarm systems shop drawings is added as follows:

**908.8.1 908.4.1 Emergency alarm systems shop drawings.** Shop drawings for emergency alarm systems shall be submitted for permit application as a deferred submittal in accordance with IBCA Section 133.5. Plan review and approval are required prior to issuance of a permit for system installation. Two sets of scaled, engineered installation shop drawings shall be submitted. Documents shall be of sufficient clarity and detail to fully describe the scope of work. Handwritten notes and comments on reproduced drawings are not acceptable. Submittals shall comply with Appendix N.

**Supporting Information:**

Section 908.3 is added to identify an EFSO for aviation fueling spill as an emergency alarm as defined in chapter 2 to ensure it is designed and installed appropriately for life safety.

Section 908.4 is an excerpt from section 908.8 in the 2015 IFCA for a manual emergency alarm system. This section is a carry-over from the 2015 IFCA but is now broken out between manual emergency alarms in section 908 and the new gas detection system section 916.

Section 908.4.1 is a carry over from 2015 IFCA with new reference numbers.

**Referenced Standards:**

None

**Impact:**

None

**Departmental Impact:**

Reduce the cost of enforcement by informing designers on how to design an emergency alarm.