**Code Amendment Proposal Form**

For public amendments proposed to the 2018 editions of the International Codes

**Instructions:** Upload this form and all accompanying documentation at [www.denvergov.org/BuildingCode](http://www.denvergov.org/BuildingCode). If you are submitting your proposal on a separate sheet, make sure it includes all information requested below.

All proposals must be received by **April 26, 2019**.

**CONTACT INFORMATION**

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**Organization:** Metro Fire Detection, LLC

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**Signature:**


date

**AMENDMENT PROPOSAL**

Please use a separate form for each proposal.

1) Code(s) associated with this proposal. Please use acronym: 

- -

If you submitted a separate coordination change to another please indicate which code:

- -

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Code Name</th>
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<th>Code Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>m</td>
<td>Denver Building Code- Administered Provisions</td>
<td>m IFC</td>
<td>International Fire Code</td>
</tr>
<tr>
<td>DBC-xxxx</td>
<td>(e.g., DBC-IBC, DBC-IEBC)</td>
<td>IGCC</td>
<td>International Green Construction</td>
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<td>IBC</td>
<td>International Building Code</td>
<td>IMC</td>
<td>Code International Mechanical Code</td>
</tr>
<tr>
<td>IEBC</td>
<td>International Existing Building Code</td>
<td>IPC</td>
<td>International Plumbing Code</td>
</tr>
</tbody>
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2) Please check here if a separate graphic file is provided:  

Graphics may also be embedded within your proposal below.

3) Use this template to submit your proposal or attach a separate file, but please include all items requested below in your proposal. The only formatting needed is **BOLDING**, **ITALICIZED** AND **UNDERLINED**. Please do not provide additional formatting such as tabs, column, etc., as this will be done by CPD.
**Proposal:**

Add new text as follows:

**510.2.1 Requirements.** The system shall effectively operate throughout the structure in accordance with this section Radio communication system shall be based upon Fire Department approval of the acceptance test as described below. All RES equipment shall be FCC compliant and shall be listed in accordance with UL 2524.

Add new text as follows:

**Chapter 80 REFERENCED STANDARDS**

**UL 2524-2018:** Outline of Investigation for In-building 2-Way Emergency Radio Communication Enhancement Systems

**Supporting Information:**

- **Purpose:** This proposal is intended to ensure Emergency Responder Radio Enhancement Coverage System (RES) provide safe, reliable and effective performance by requiring them to be listed to the UL product standard.
- **Reasons:** All fire protection products and systems are required to listed for the intended purpose. RES should be required to be listed to the new UL 2524 product standard.
- **Substantiation:** On October 19, 2018 Underwriters Laboratories (UL) published the first edition of UL 2524. *Standard for In-building 2-Way Emergency Radio Communication Enhancement Systems*. The scope of the new standard covers products (e.g. repeater, transmitter, receiver, signal booster components, remote annunciators and operational consoles, power supply, and battery charging system components) used for in-building 2-way emergency radio communication enhancement systems. The ICC membership approved Proposal F48-18 for the 2021 edition of the International Fire Code (IFC). F48-18 will require RES to be listed to UL 2524.
- **Bibliography:**

**Referenced Standards:**

**Note:** List any new referenced standards that are proposed to be referenced in the code.

**Impact:**

**Note:** Discuss the impact of this proposal in this section AND indicate the impact of this amendment proposal for each of the following:

- The effect of the proposal on the cost of construction: □ Increase □ Reduce □ No Effect
- The effect of the proposal on the cost of design: □ Increase □ Decrease □ No Effect
- Is the proposal more or less restrictive than the I-codes: □ More □ Less □ Same

**Departmental Impact:** (To be filled out by CPD staff)

**Note:** CITY STAFF ONLY. Discuss the impact of this proposal in this section AND indicate the impact of this amendment proposal for each of the following:

- The effect of the proposal on the cost of review: □ Increase □ Reduce □ No Effect
- The effect of the proposal on the cost of enforcement/inspection: □ Increase □ Reduce □ No Effect