DENVER AMENDMENT PROPOSAL FORM
FOR CPD INTERNAL PROPOSALS TO THE 2016 DENVER BUILDING CODE AMENDMENTS AND THE 2018 INTERNATIONAL CODES

2018 CODE DEVELOPMENT CYCLE

1) Name: David Kahn
   Date: 2-22-2018
   Click or tap here to enter text.

2) Proposals should be drafted in Word with the only formatting that is needed being BOLDING, STRIKEOUT AND UNDERLINING. Please do not provide additional formatting such as tabs, columns, etc.

Please use a separate form for each proposal submitted.

Is separate graphic file provided (Yes or No):

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Code Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBC</td>
<td>International Building Code</td>
</tr>
<tr>
<td>IECC</td>
<td>International Energy Conservation Code</td>
</tr>
<tr>
<td>IEBC</td>
<td>International Existing Building Code</td>
</tr>
<tr>
<td>IFC</td>
<td>International Fire Code</td>
</tr>
<tr>
<td>IPC</td>
<td>International Plumbing Code</td>
</tr>
<tr>
<td>IRC</td>
<td>International Residential Code</td>
</tr>
<tr>
<td>IFGC</td>
<td>International Fuel Gas Code</td>
</tr>
<tr>
<td>IMC</td>
<td>International Mechanical Code</td>
</tr>
</tbody>
</table>

AMENDMENT PROPOSAL

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

Code Sections/Tables/ Figures Proposed for Revision:
IMC 506.5.2

Note: If the proposal is for a new section, indicate (new).

Proposal:

Add new text as follows:

16. Where PCU’s are installed above the ceiling and/or in return air plenums the manufacturers recommended service clearances, clearance from combustibles shall be maintained, and the unit shall be installed in accordance with the manufacturers recommendations and limitations. PCUs installed above a ceiling shall be installed in a rated enclosure unless the associated grease duct is not required by 506.3.11 to be enclosed.

17. Ductwork downstream of a PCU is considered to be grease duct and shall comply with code sections pertaining to grease duct.

18. A clearance of not less than 6-inches (76mm) shall be maintained between the pollution control unit and noncombustible construction and gypsum wallboard attached to noncombustible structures.

19. Fire protection is required in the ductwork downstream of the PCU.

20. Equipment commissioning reports shall be provided for the PCU.

21. Where a PCU enclosure is required, the construction documents shall include details showing:
   The construction of the Pollution Control Unit enclosure and the UL designation number of the construction.

   1. Clearances between the PCU and the enclosure.
   2. Service access clearance.
   3. Duct wrap penetration and sealing at the PCU enclosure.
   4. Support and anchoring methods for the enclosure and the PCU.
   5. Access fire door size, type, rating, location, and UL Listing.
   6. Where the PCU manufacturer requires a service platform or a service platform is provided, provide stamped calculations and details of the platform construction including handrails and how the platform is anchored.

November 15, 2005
Purpose:

This proposal clarifies requirements for the installation of PCU’s.

Reasons:

Item 16 defines criteria for installing a PCU above a ceiling and/or in a plenum. It clarifies the requirement to have the PCU in a rated enclosure.

Item 17 is contained in Denver Building Department Policy IMC 506, 507, 508 item 3.c. This item is often overlooked, placing it in an amendment will assist designers in incorporating the requirement.

Item 18 places the PCU clearance requirements in the PCU section and clarifies the 6” clearance requirements dictated by IMC 506.3.11.1 are applicable.

Item 19 is from NFPA 96 2017 9.3.3 which is adopted by reference in the fire code. This item is often overlooked, placing it in an amendment will assist designers in incorporating the requirement.

Item 20 is from NFPA 96 9.3.621 which is adopted by reference in the fire code. This item is often overlooked, placing it in an amendment will assist designers in incorporating the requirement.

Item 21 is a requirement to document the PCU enclosure systems compliance with code requirements. This will help designers prepare the required documentation for plan approval.

Substantiation:

Some PCUs that would currently be required to be in a rated enclosure will no longer require a rated enclosure provided the grease duct is not required to be in an enclosure. Requirements for PCUs are clarified in an effort to simplify the plan review process.

Note: The following items are required to be included:

Purpose: The proponent shall clearly state the purpose of the proposed amendment to physical, environmental and customary characteristics that are specific to the City and County of Denver (e.g., clarify the Code; revise outdated material; substitute new or revised material for physical, environmental and customary characteristics; add new requirements to the Code; delete current requirements, etc.)

Reasons: The proponent shall justify changing the current Code provisions, stating why the proposal is necessary to reflect physical, environmental and customary characteristics that are specific to the City and County of Denver. Proposals that add or delete requirements shall be supported by a logical explanation which clearly shows why the current does not reflect physical, environmental and customary characteristics that are specific to the City and County of Denver and explains how such proposals will improve the Code.

Substantiation: The proponent shall substantiate the proposed amendment based on technical information and substantiation. Substantiation provided which is reviewed and determined as not germane to the technical issues addressed in the proposed amendment shall be identified as such.

Bibliography (as needed): The proponent shall submit a bibliography when substantiating material is associated with the amendment proposal. The proponent shall make the substantiating materials available for review.

Referenced Standards:

Click or tap here to enter text.

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

Impact:

- The effect of the amendment proposal on the cost of construction; Reduce.

Note: The proponent shall indicate one of the following regarding the impact of the amendment proposal:
<table>
<thead>
<tr>
<th>Departmental Impact:</th>
</tr>
</thead>
<tbody>
<tr>
<td>● The effect of the amendment proposal on the cost of review; Reduce.</td>
</tr>
<tr>
<td>Note: Indicate one of the following regarding the impact of the amendment proposal:</td>
</tr>
<tr>
<td>● The effect of the amendment proposal on the cost of review; Increase, Reduce, No Effect:</td>
</tr>
<tr>
<td>● The effect of the amendment proposal on the cost of enforcement/inspection; Increase, Reduce, No Effect:</td>
</tr>
</tbody>
</table>