

## ADVISORY COMMITTEE COMMENT FORM FOR PROPOSED CODE CHANGES

(This form must be submitted electronically)

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**1323, CE- 58**

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### **Proposed Code Change - Language**

2012 IECC Chapter 4 COMMERCIAL ENERGY EFFICIENCY  
C403.4.5.4 Supply-air temperature reset controls  
Revise as noted:

Add following wording to end of paragraph:

Zones with constant loads shall be designed for the fully reset supply temperature.

Under "Exceptions", delete exception no. 3:

~~3. Zones with peak supply air quantities of 300 cfm (142 L/s) or less.~~

### **Proposed Code Change – Need and Reason**

The addition to the paragraph is important to be sure that a space with a constant cooling load, which may represent a small fraction of the total air handling unit capacity, does not prohibit the resetting of the supply air temperature for the remainder of the air handling system. This wording is similar to ASHRAE 90.1-2010, subparagraph 6.5.3.4.

Deleting Exception 3 is reasonable because keeping it would negate the requirement to reset the supply air temperature if there are zones less than 300 cfm, which does not make sense.

### **Proposed Code Change – Cost/Benefit Analysis**

The benefit of the proposed code change to clearly identify the need to reset the supply air temperature and not be limited by small zones served by the air handling system.

**Other Factors to Consider Related to Proposed Code Change**

1. Is this proposed code change meant to:

Xchange language contained in a published code book? If so, list section(s). 2012 IECC subparagraph identified above

change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

delete language contained in a published code book? If so, list section(s).

delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

neither; this language will be new language, not found in the code book or in Minnesota Rule.

2. Is this proposed code change required by a Minnesota Statute or new legislation? If so, please provide the citation to the Statute or legislation. No
3. Will this proposed code change impact other sections of a published code book or of an amendment in Minnesota Rule? If so, please list the affected sections or rule parts. No
4. Will this proposed code change impact other parts of the Minnesota State Building Code? If so, please list the affected parts of the Minnesota State Building Code. No
5. Who are the parties affected or segments of industry affected by this proposed code change? Multiple zone buildings
6. Can you think of other means or methods to achieve the purpose of the proposed code change? If so, please explain what they are and why your proposed change is the preferred method or means to achieve the desired result. No
7. Are you aware of any federal requirement or regulation related to this proposed code change? If so, please list the regulation or requirement. No