

ADVISORY COMMITTEE COMMENT FORM FOR PROPOSED CODE CHANGES

(This form must be submitted electronically)

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1323, CE- 38a

Proposed Code Change - Language

2012 IECC Chapter 4 COMMERCIAL ENERGY EFFICIENCY
C403.2.4.2 Set point overlap Restriction
Revise as noted:

C403.2.4.2 Set point overlap restriction. Where used to control both heating and cooling, zone thermostatic controls shall provide a temperature range or deadband of at least 5 3°F (~~2-8~~ 1.7°C) within which the supply of heating and cooling energy to the zone is capable of being shut off or reduced to a minimum.

Exceptions:

1. Thermostats requiring manual changeover between heating and cooling modes.
2. Special occupancy or special applications where wide temperature ranges are not acceptable and are approved by the Authority Having Jurisdiction (AHJ).

Proposed Code Change – Need and Reason

Reason: As stated, the 5°F deadband conflicts with the allowed 72F heating setpoint and 75F cooling setpoint noted under Section C302.1, which is a 3F deadband. This could cause a lot of confusion, because the thermostat settings cannot be set to maintain the 72F heating or 75F cooling with a 5F deadband. Exception 2 is needed because there are some spaces where even a 3F deadband is unacceptable.

Proposed Code Change – Cost/Benefit Analysis

The benefit of the proposed code change is that it clarifies the requirements and eliminates possible conflict with other code requirements.

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? Any space where the temperature is controlled by a thermostat.
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