

ADVISORY COMMITTEE COMMENT FORM FOR PROPOSED CODE CHANGES

(This form must be submitted electronically)

IRC-83, R315 REV 1-4-2012

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Proposed Code Change - Language

Please provide your proposed code change in strikeout/underline format. Provide the *specific* language you would like to see changed, with new words underlined and words to be deleted should be ~~stricken~~. Also, state whether the language contained in your proposal is from a code book or from an amendment currently found in Minnesota Rule. (You may provide the language (electronically) on a separate, attached sheet).

1309.0315 SECTION R315, CARBON MONOXIDE ALARMS.

IRC Section R315 is amended to read as follows:

R315.1 Carbon monoxide alarms. Carbon monoxide alarms shall be installed in accordance with this section. and MS § 299F.51.

For new construction, **every one-family, two-family and townhouse dwelling shall have** an approved **and operational** carbon monoxide alarm ~~shall be installed~~ **within ten feet of each** ~~outside of each separate sleeping room area in the immediate vicinity of the bedrooms in dwelling units~~ within which fuel-fired *appliances* are installed and in dwelling units that have attached garages.

R315.2 Carbon monoxide detection systems.

Carbon monoxide detection systems that include carbon monoxide detectors and audible notification appliances, installed and maintained in accordance with this section for carbon monoxide alarms and NFPA 720, shall be permitted. The carbon monoxide detectors shall be listed as complying with UL 2075. Where a household carbon monoxide detection system is installed, it shall become a permanent fixture of the occupancy, owned by the homeowner and shall be monitored by an approved supervising station.

Exception: Where carbon monoxide alarms are installed meeting the requirements of [Section R315.1](#), compliance with Section 315.2 is not required.

R315.3 Where required in existing dwellings.

Where work requiring a *permit* occurs in existing *dwellings* that have attached garages or in existing dwellings within which fuel-fired *appliances* exist, carbon monoxide alarms shall be provided in accordance with [Section R315.1](#).

R315.4 Alarm requirements.

Single-station carbon monoxide alarms shall be listed as complying with UL 2034 and shall be installed in accordance with this code and the manufacturer’s installation instructions.

Additional Information:

2012 IRC Language:

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R315.3 Where required in existing dwellings.

Where work requiring a *permit* occurs in existing *dwellings* that have attached garages or in existing dwellings within which fuel-fired *appliances* exist, carbon monoxide alarms shall be provided in accordance with [Section R315.1](#).

R315.4 Alarm requirements.

Single-station carbon monoxide alarms shall be listed as complying with UL 2034 and shall be installed in accordance with this code and the manufacturer’s installation instructions.

MS § 299F.51 Language:

299F.51 REQUIREMENTS FOR CARBON MONOXIDE ALARMS.

Subdivision 1. **Generally.**

Every single family dwelling and every dwelling unit in a multifamily dwelling must have an approved and operational carbon monoxide alarm installed within ten feet of each room lawfully used for sleeping purposes.

Subd. 2. **Owner's duties.**

The owner of a multifamily dwelling unit which is required to be equipped with one or more approved carbon monoxide alarms must:

- (1) provide and install one approved (1) operational carbon monoxide alarm within ten feet of each room lawfully used for sleeping; and

(2) replace any required carbon monoxide alarm that has been stolen, removed, found missing, or rendered inoperable during a prior occupancy of the dwelling unit and which has not been replaced by the prior occupant prior to the commencement of a new occupancy of a dwelling unit.

Subd. 3. Occupant's duties.

The occupant of each dwelling unit in a multifamily dwelling in which an approved and operational carbon monoxide alarm has been provided and installed by the owner must:

- (1) keep and maintain the device in good repair; and
- (2) replace any device that is stolen, removed, missing, or rendered inoperable during the occupancy of the dwelling unit.

Subd. 4. Battery removal prohibited.

No person shall remove batteries from, or in any way render inoperable, a required carbon monoxide alarm.

Subd. 5. Exceptions; certain multifamily dwellings and state-operated facilities.

- (a) In lieu of requirements of subdivision 1, multifamily dwellings may have approved and operational carbon monoxide alarms installed between 15 and 25 feet of carbon monoxide-producing central fixtures and equipment, provided there is a centralized alarm system or other mechanism for responsible parties to hear the alarm at all times.
- (b) An owner of a multifamily dwelling that contains minimal or no sources of carbon monoxide may be exempted from the requirements of subdivision 1, provided that such owner certifies to the commissioner of public safety that such multifamily dwelling poses no foreseeable carbon monoxide risk to the health and safety of the dwelling units.
- (c) The requirements of this section do not apply to facilities owned or operated by the state of Minnesota.

Proposed Code Change – Need and Reason

Please provide a thorough explanation of the need for this change and why this proposed code change is a reasonable change. During the rulemaking process, the Agency must defend the need and reasonableness of all its proposed changes. The Agency must submit evidence that it has considered all aspects of the proposal. (You may provide the need and reason (electronically) on a separate attached sheet).

This proposal requests the revision of Section R315 – Carbon Monoxide Alarms in the 2012 IRC model code document. The revision intends acknowledge and reference MS § 299F.51 Statute requirements and add some of those requirements into the 2012 IRC language.

Proposed Code Change – Cost/Benefit Analysis

Please consider whether this proposed code change will increase/decrease costs or indicate that it will not have any cost implications and explain how it will not. If there is an increased cost, will this cost be offset somehow by a life safety or other benefit? If so, please explain. Are there any cost increases/decreases to enforce or comply with this proposed code change? If so, please explain. (You may provide the cost/benefit analysis (electronically) on a separate, attached sheet).

There will no additional costs related to the approval of the proposed amendment.

Other Factors to Consider Related to Proposed Code Change

1. Is this proposed code change meant to:

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

IRC Section R315 – Carbon Monoxide Alarms

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.

YES. MS § 299F.51

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?

Parties affected are, building officials, contractors and designers.

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.