

Format: Strike out denotes deletion to 2009 IRC. Bold/underline denotes addition to 2009 IRC

R315.1 Carbon monoxide alarms, detectors and systems. For new construction, an approved single or multiple station carbon monoxide alarm, or carbon monoxide detector for use with an approved ~~or~~ **household carbon monoxide detection system** shall be installed. ~~outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units.~~ **Carbon monoxide signal/initiating devices shall be located in each bedroom or within 15 feet outside of each bedroom door, within which fuel-fired appliances are installed and in dwelling units that have attached garages.** Bedrooms on separate floor levels in a structure consisting of two or more stories, shall have separate carbon monoxide alarms and/or detectors serving each story.

R315.2 Alarm/Detector requirements.

R315.2.1 Single and multiple station alarm requirements. Single and multiple 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.

R315.2.2 Household carbon monoxide detector and detection system requirements. Household carbon monoxide detectors and detection systems, that include carbon monoxide detectors and audible/visual notification appliances, installed and maintained in accordance with this section for carbon monoxide alarms/detectors and NFPA 720 shall be permitted. The carbon monoxide detectors shall be listed as complying with UL 2075.

Optional Text:

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 supervision station.

R315.3 Power Source.

R315.3.1 Carbon Monoxide Alarms. Single and multiple station carbon monoxide alarms shall be battery operated, or receive their primary power ~~source~~ from the building wiring system with or without battery backup. Plug-in devices that operate from the building wiring system, with or without battery backup, are deemed to satisfy this requirement provided they are securely fastened to the structure and installed in accordance with the manufacturer's installation instructions ~~are deemed to satisfy this requirement~~.

R315.3.2 Carbon Monoxide [Detectors and](#) Detection Systems. Required power supply sources for household carbon monoxide [detectors and](#) detection systems shall be in accordance with NFPA 720.

R315.4 Where required in existing dwellings. Where a new carbon monoxide source is introduced or work requiring a **structural** *permit* occurs in existing *dwellings* that have ~~attached garages or in existing dwellings within which fuel-fired appliances~~ exist, carbon monoxide **[detectors or](#)** alarms shall be provided in accordance with Section R315.1.

Exception: Work involving the exterior surfaces of *dwellings*, such as the replacement of roofing or siding, or the *addition* or replacement of windows or doors, or the *addition* of a porch or deck, are exempt from the requirements of this section.

Add standards to Chapter 44 as follows:

NFPA 720-2009 Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment 2009 Edition
UL 2034-2008 Third Edition of the Standard for single and Multiple Station Carbon Monoxide Alarms, with revisions through February 20, 2009
UL 2075 -2004 First Edition of the Standard for Gas and Vapor Detectors and Sensors, with revisions through September 28, 2007