

2012 CO TAG EDITS to 2012 IBC, IRC and IFC base codes• (In Legislative Format)

• 2012 IRC-base code plus 2012 CO TAG recommendations.

R315.1 Carbon Monoxide Alarms. For new construction, an approved carbon monoxide alarm shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units ~~within which fuel-fired appliances are installed and in dwelling units which have attached garages~~ and on each level of the dwelling and in accordance with the manufacturer's recommendations.

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 720-2009, 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 315.1~~ Existing dwellings shall be equipped with carbon monoxide alarms in accordance with Section 315.1. An inspection will occur when alterations, repairs or additions requiring a permit occur, or when one or more sleeping rooms are added or created.

EXCEPTION 1. Work involving only 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, or electrical permits, are exempt from the inspection requirements of this section.

2. Installation, alteration or repairs of non-fuel-burning plumbing or mechanical systems are exempt from the inspection requirements of this section.

3. Owner-occupied single-family residences legally occupied before July 26, 2009. RCW 19.27.530 (2) (b)

R315.4 Alarm Requirements. Single station carbon monoxide alarms shall be listed as complying with UL 2034 and NFPA 720-2009 and shall be installed in accordance with this code and the manufacturer's installation instructions.

2012 CO TAG EDITS to 2012 IBC, IRC and IFC base codes•

(In Legislative Format)

- **2012 IBC and IFC (new construction) base code - plus 2012 CO TAG recommendations.**

908.7 Carbon monoxide alarms. Group I or Group R occupancies located in a building containing a fuel fired appliance or in a building which has an attached garage shall be ~~equipped with~~ provided with single station carbon monoxide alarms installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units and on each level of the dwelling. The carbon monoxide alarms shall be listed as complying with UL 2034 and be installed and maintained in accordance with NFPA 720-2009 and the manufacturer's instructions. ~~An open parking garage, as defined in Chapter 2 of the International Building Code, or an enclosed parking garage ventilated in accordance with Section 404 of the International Mechanical Code shall not be considered an attached garage. An open parking garage, as defined in Chapter 2 of the International Building Code, or enclosed parking garage ventilated in accordance with Section 404 of the International Mechanical Code shall not be considered an attached garage.~~

~~EXCEPTION: Sleeping units or dwelling units which do not themselves contain a fuel burning appliance or have an attached garage, but which are located in a building with a fuel burning appliance or an attached garage, need not be equipped with single station carbon monoxide alarms provided that:~~

- ~~1. The sleeping unit or dwelling unit is located more than one story above or below any story which contains a fuel burning appliance or an attached garage;~~
- ~~2. The sleeping unit or dwelling unit is not connectd by duct work or ventilation shafts to any room containing a fuel burning appliance or to an attached garage; and~~
- ~~3. The building is equipped with a common area carbon monoxide alarm system.~~

2012 CO TAG EDITS to 2012 IBC, IRC and IFC base codes•
(In Legislative Format)

EXCEPTIONS:

1. For other than R2 occupancies, the building does not contain a fuel-burning appliance, a fuel-burning fireplace, or an attached garage; or

2. Sleeping units or dwelling units in I and R-1 occupancies and R-2 college dormitories, hotel, and DSHS licensed boarding home and residential treatment facility occupancies which do not themselves contain a fuel-burning appliance, or a fuel-burning fireplace, or have an attached garage, need not be provided with carbon monoxide alarms provided that:

a. The sleeping unit or dwelling unit is not adjacent to any room which contains a fuel-burning appliance, a fuel-burning fireplace, or an attached garage; and

b. The sleeping unit or dwelling unit is not connected by duct work or ventilation shafts with a supply or return register in the same room to any room containing a fuel-burning appliance, a fuel-burning fireplace, or to an attached garage; and

c. The building is provided with a common area carbon monoxide detection system.

3. An open parking garage, as defined in Chapter 2 of the International Building Code, or enclosed parking garage ventilated in accordance with Section 404 of the International Mechanical Code shall not be considered an attached garage.

908.7.1 Carbon monoxide detection systems. Carbon monoxide detection systems, ~~that which~~ include carbon monoxide detectors and audible notification appliances, installed and maintained in accordance with this section for carbon monoxide alarms and NFPA 720-2009 shall be permitted. The carbon monoxide detectors shall be ~~permitted. The carbon monoxide detectors shall be listed as complying~~ with UL 2075.

- **2012 IFC base code (existing construction) plus 2012 CO TAG recommendations.**

1103.9 Carbon Monoxide alarms. Existing Group I or Group R occupancies located in a building containing a fuel-burning appliance or a building which has an attached garage shall be provided equipped with single station carbon monoxide alarms in accordance with Section 908.7. An inspection will occur when alterations, repairs or additions requiring a permit occur, or when one or more sleeping rooms are added or created. The carbon monoxide alarms shall be listed as complying with UL 2034 and be installed and maintained in accordance

2012 CO TAG EDITS to 2012 IBC, IRC and IFC base codes• (In Legislative Format)

~~with NFPA 720-2009 and the manufacturer's instructions. An open parking garage, as defined in the International Building Code, or an enclosed parking garage ventilated in accordance with Section 404 of the International Mechanical Code shall not be deemed to be an attached garage.~~

~~EXCEPTION: Sleeping units or dwelling units which do not themselves contain a fuel-burning appliance or have an attached garage, but which are located in a building with a fuel-burning appliance or an attached garage, need not be equipped with single-station carbon monoxide alarms provided that:~~

- ~~1. The sleeping unit or dwelling unit is located more than one story above or below any story which contains a fuel-burning appliance or an attached garage;~~
- ~~2. The sleeping unit or dwelling unit is not connected by duct work or ventilation shafts to any room containing a fuel-burning appliance or to an attached garage; and~~
- ~~3. The building is equipped with a common area carbon monoxide alarm system.~~

EXCEPTIONS: 1. For other than R2 occupancies, if the building does not contain a fuel-burning appliance, a fuel-burning fireplace, or an attached garage.

2. 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, or electrical permits.

3. Installation, alteration or repairs of noncombustion plumbing or mechanical systems.

4. Sleeping units or dwelling units in I and R-1 occupancies and R-2 college dormitories, hotel, and DSHS licensed boarding home and residential treatment facility occupancies which do not themselves contain a fuel-burning appliance, a fuel-burning fireplace, or have an attached garage, need not be provided with carbon monoxide alarms provided that:

a. The sleeping units or dwelling unit is not adjacent to any room which contains a fuel-burning appliance, a fuel-burning fireplace, or an attached garage; and

b. The sleeping units or dwelling unit is not connected by duct work or ventilation shafts with a supply or return register in the same room to any room containing a fuel-burning appliance, a fuel-burning fireplace, or to an attached garage; and

c. The building is provided with a common area carbon

2012 CO TAG EDITS to 2012 IBC, IRC and IFC base codes•
(In Legislative Format)

monoxide detection system.

5. An open parking garage, as defined in the International Building Code, or enclosed parking garage ventilated in accordance with Section 404 of the International Mechanical Code shall not be deemed to be an attached garage.

DRAFT