



**BUILDING DEPARTMENT**

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# **Notice**

## **Effective Immediately**

### **Carbon Monoxide alarm(s) be installed per the Michigan Building and Residential Code 2009**

**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 that have attached garages.

**R315.2 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.

**R315.3 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.

Carbon monoxide (CO) is a **colorless, odorless and tasteless gas** that is commonly produced by fires, automobile exhausts, or charcoal, kerosene and gas stoves, furnaces or space heaters.

The most common **symptoms** of carbon monoxide poisoning include headache, nausea, vomiting, weakness and dizziness. These symptoms are produced because carbon monoxide interferes with the delivery of oxygen in the blood. With prolonged exposure, symptoms can include difficulty thinking and confusion, slurred speech, visual changes, fainting, seizures, trouble breathing, heart arrhythmias, low blood pressure, coma and even death. Children can have more severe symptoms at lower levels.

Do not use a charcoal grill indoors, leave a car running in the garage, or use an unvented space heater. Also, have your home heating equipment and chimney inspected each year. A **carbon monoxide detector** can alert you to the presence of carbon monoxide in your home, before it has a chance to build up to a level that can cause symptoms.