



DEPARTMENT OF COMMUNITY AFFAIRS
Division of Fire Safety
P.O. Box 809
Trenton, New Jersey 08625-0809



BULLETIN: 2003-3

Issue Date: April 7, 2003

SUBJECT: Carbon Monoxide Alarms; Certificate of Smoke Detector and Carbon Monoxide Alarm Compliance

REFERENCE: N.J.A.C. 5:70-2.3 and 4.19(d)

P.L. 1999, c.15, approved on February 8, 1999, calls for the Department of Community Affairs to promulgate rules for the installation of carbon monoxide (CO) alarms in hotels, multiple dwellings, and rooming and boarding homes. These rules were adopted on August 16, 1999, but were not incorporated into the Fire Safety Code (Subchapter 4) at that time. The statute also required that the Commissioner determine whether similar provisions should be applied to one- and two-family homes. In the April 7, 2003 New Jersey Register, the Department adopted regulations that provide for installation of CO alarms in one- and two-family homes. The rules that pertain to the Uniform Fire Code, Subchapter 4, are incorporated in the sections referenced above. The purpose of this bulletin is to provide fire officials with the pertinent information from NFPA 720 and UL 2034 for approval of the installation of CO alarms.

As per the regulations, at 5:70-4.19(d), CO alarms are required to be provided in the immediate vicinity of all sleeping rooms in all buildings of Use Groups I-1, R-1, R-2, R-3 and R-4 that contain fuel-burning appliances or have attached garages. (Open parking structures, as defined by the Uniform Construction Code, are not considered attached garages.) For Use Groups R-3 and R-4, the process to be followed is identical to the current Certificate of Smoke Detector Compliance (CSDC). The new requirement, when a one- or two-family home is sold, leased or otherwise made subject to a change of occupancy, is for the owner or seller to apply for a Certificate of Smoke Detector and Carbon Monoxide Alarm Compliance (CSDCMAC). Since both devices can be inspected at the same time, only one fee will be assessed. **The effective date of these regulations is April 7, 2003.**

UL 2034 and NFPA 720

The CO alarm is required to be manufactured, listed, and labeled in accordance with UL 2034 entitled, "Single- and Multiple-Station Carbon Monoxide Alarms." Each device shall have a label indicating that it meets this requirement.

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Carbon Monoxide Alarm Compliance

In the locations specified above, the alarms are required to be installed as follows:

1. The device is permitted to be a battery powered, hard-wired, or plug-in type.
2. If installing an electrically operated device, the AC power source is required to be supplied from either a dedicated branch circuit or the unswitched portion of a branch circuit also used for power and lighting. Operation of a switch (other than a circuit breaker) or a ground-fault circuit interrupter is not permitted to cause loss of power to the alarm.
3. The alarm may be located on the wall, ceiling, or other location as specified in the manufacturer's installation instructions.
4. The device is required to be supported independently of its attachment to wires.
5. For alarms installed in the vicinity of sleeping rooms, the alarm notification appliance is required to be clearly audible in all bedrooms over background noise levels and with all intervening doors closed, with a minimum rating of 85dBA at 10 feet (3m). If the alarm is intended to notify occupants in the same room, the sound pressure level is permitted to be 75dBA at 10 feet.

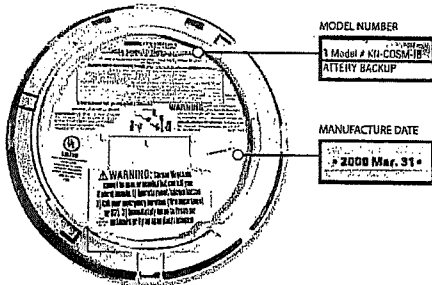
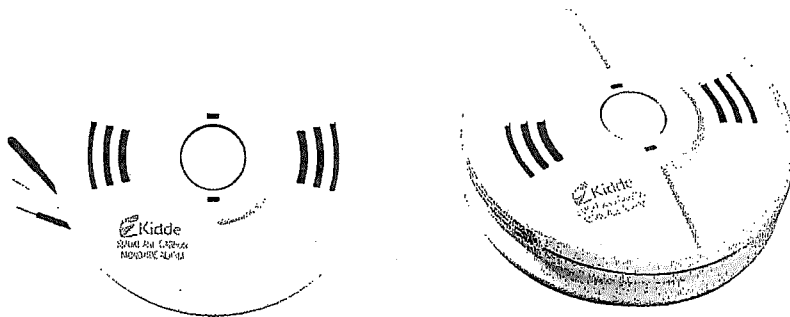
Under most situations, compliance with the requirements listed above should be acceptable for approval of the installation. However, should a situation arise that is not addressed above, please refer to NFPA 720 for additional installation requirements.

For your information, Kidde Safety has recalled some CO devices. The models that have been recalled are the "Nighthawk" and the "Lifesaver." The Nighthawk models included in this recall are all models manufactured between November 8, 1998 and March 9, 1999. The date of manufacture is on the back of the unit as year, month, and day. "NIGHTHAWK" and "Carbon Monoxide Alarm" are written on the front of the unit. If only "Carbon Monoxide Alarm" is written on the front, the unit is not included in the recall. The Lifesaver models included in the recall are models 9CO-1 and 9CO-1C manufactured between June 1, 1997 and January 31, 1998. The manufacture date is on the back of the unit as the first six numbers of the serial number, located above the UPC. The manufacture date is written as day, month, and year. "LIFESAVER" and "Carbon Monoxide Detector" are written on the front of the unit. Should you identify a unit that has been included in the recall, do not approve its installation; direct the owner to contact Kidde Safety at (888) 543-3346.



United States
CONSUMER PRODUCT SAFETY COMMISSION

Kidde Recalls Combination Smoke/CO Alarms Due to Alarm Failure



Recall Summary

Name of product:

Combination smoke/carbon monoxide (CO) alarms

Hazard:

The **combination smoke/carbon monoxide (CO) alarm** can fail to continue to chirp when it reaches its 7-year end of life if the batteries are replaced, leading consumers to believe it is still working. This poses a risk of consumers not being alerted to a fire or CO incident in their home.

Remedy:

Replace

Recall date:

November 10, 2016

Recall number:

17-031

Consumer Contact:

Kidde toll-free at 855-239-0490 from 8 a.m. to 5 p.m. ET Monday through Friday or online at www.kidde.com and click on “Product Safety Notice” for more information.

Recall Details

In Conjunction With:

Description:

This recall involves Kidde NightHawk talking combo smoke/CO alarm with model number KN-COSM-IB and manufacture dates between June 1, 2004 and December 31, 2010. The alarms are hard-wired into a home's electric power. The unit has a compartment on the back for the installation of a replaceable 9V backup battery. The alarm is white, round and measures about 5 to 6 inches in diameter. "Kidde" is engraved on the front of the alarm. "Kidde," the model number and manufacture dates are printed on a label on the back on the alarm.

Remedy:

Consumers should immediately stop using the recalled alarms and contact Kidde directly for a free replacement alarm based on date of manufacture or a discount on a new alarm.

Incidents/Injuries:

Kidde has received eight reports of incidents with the recalled alarms. No injuries have been reported.

Sold At:

Electrical distributors and home centers nationwide and online at Amazon.com from June 2004 through December 2010 for between \$40 and \$65.

Importer(s):

Walter Kidde Portable Equipment Inc., of Mebane, N.C.

Manufactured In:

China

Units:

About 3.6 million (in addition 1.5 million were sold in Canada)
