TOWNSHIP OF NORTH BERGEN
DEPARTMENT OF PUBLIC SAFETY
FIRE PREVENTION BUREAU - CODE ENFORCEMENT
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SMOKE DETECTOR GUIDELINES

Effective January 1, 2019:

1. Smoke detectors must be installed and maintained on each level of the premises; and outside of each separate sleeping area. (No more than 10 feet.)
2. The smoke detectors required shall be located and maintained in accordance with NFPA-720.
3. The smoke detectors shall be ten-year sealed battery-powered single station smoke detectors and installed and listed in accordance with ANSI/UL 217.
4. A/C powered single or multiple station smoke detectors installed as part of the original construction or rehabilitation project shall not be replaced with battery-powered smoke detectors.
5. A/C powered smoke detectors shall be accepted as meeting the requirements of the code.
6. A/C powered smoke detectors shall be tested by a licensed electrician or a certified fire alarm company. A service report or letter will be submitted to North Bergen Fire Prevention at the time of inspection.
7. In multiple Dwellings (Residential Building with more than 3 Units) self-closing door device is required and must be in good working order.

CARBON MONOXIDE DETECTOR GUIDELINES

1. Carbon monoxide detectors shall be installed and maintained outside of each separate sleeping area. (No more than 10 feet.)
2. Carbon monoxide detectors may be battery-operated, hard wired or of plug in type and shall be listed and labeled in accordance with UL-2034 and shall be installed in accordance with NFPA-720.

If you have any questions please call us at your convenience.

"SMOKE DETECTORS SAVE LIVES"

WHERE TO LOCATE DETECTORS:

Smoke detectors are to be located on every level of a residence, (basement, first floor, second floor) excluding crawl spaces and unfinished attics, and in all separate sleeping areas and living areas such as the kitchen, garage, basement or utility room. In homes with only one sleeping area on one floor, a detector is to be placed in the hallway outside the bedrooms as shown in Figure 1. In single floor homes with two separate sleeping areas, two detectors are required outside each sleeping area as shown in Figure 2. In multi-level homes, detectors are to be located outside sleeping areas and at every finished level of the home as shown in Figure 3. Basement level detectors are to be located in close proximity to the bottom of basement stairwells as shown in Figure 4.

WHERE NOT TO LOCATE SMOKE DETECTORS:

To avoid false alarms and/or improper operation, avoid installation of smoke detectors in the following areas:

- Kitchens-smoke from cooking may cause a nuisance alarm.
- Bathrooms-excessive steam from a shower may cause a nuisance alarm.
- Near forced air ducts-used for heating or air conditioning-air movement may prevent smoke from reaching detector.
- Near furnaces of any type-air and dust, movement and normal combustion products may cause a nuisance alarm.
- The 4-inch "Dead Air" space where the ceiling meets the wall, as shown in Figure 5.
- The peak of an "A" frame type of ceiling-"Dead Air" at the top may prevent smoke from reaching detector.

FURTHER INFORMATION ON DETECTOR PLACEMENT:

For further information about detector placement, consult the National Protection Association's Standard No. 74-1984, titled "Household Fire Warning Equipment." This publication may be obtained by writing to the Publication Sales Department, National Fire Protection, Batterymarch Park, Quincy, MA 02269.

WHERE TO LOCATE CARBON MONOXIDE DETECTORS:

Outside each sleeping quarters in hallway per manufacturer's recommend height. See Owner's manual. If bedrooms are on two different levels or wings, two detectors are required.

WHERE TO LOCATE FIRE EXTINGUISHER:

Within 10 feet of kitchen, near room exit or travel path that provides an escape route to the exterior. Maximum height 5 feet with an approved manufacturer's bracket. Extinguisher to be installed with operating instructions clearly visible.

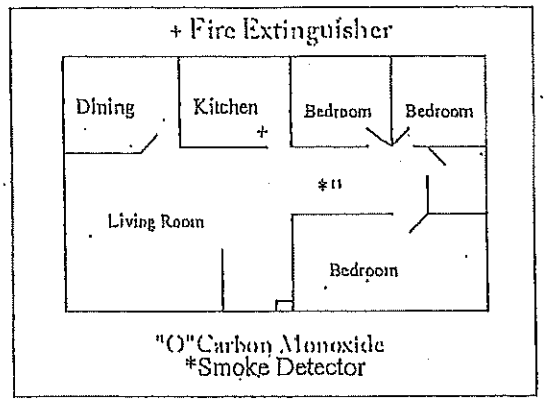


Figure 1

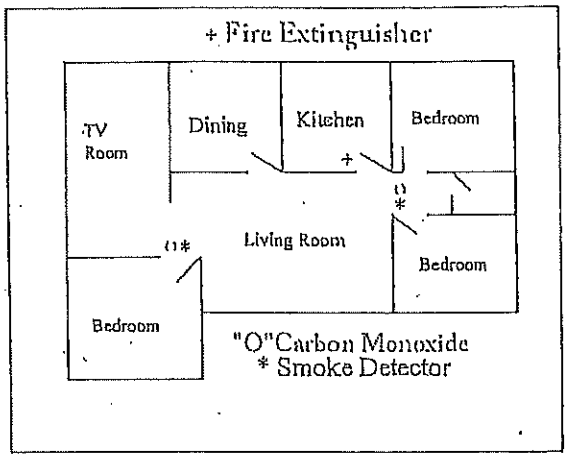


Figure 2

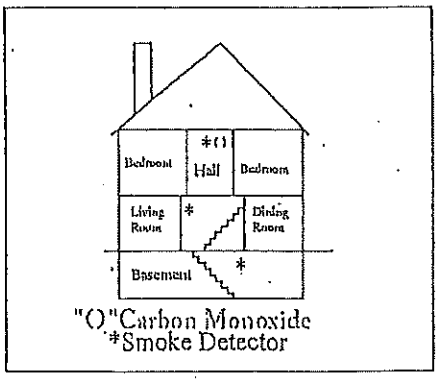


Figure 3

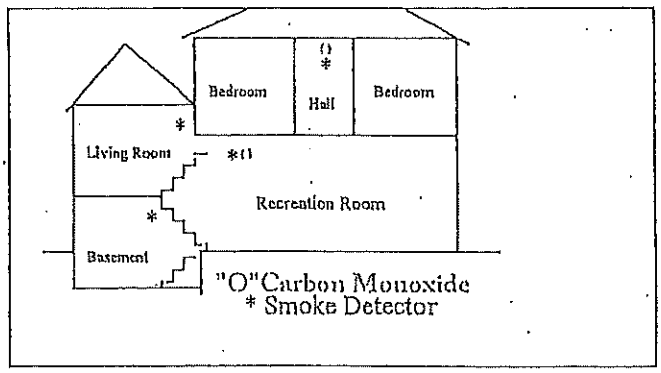
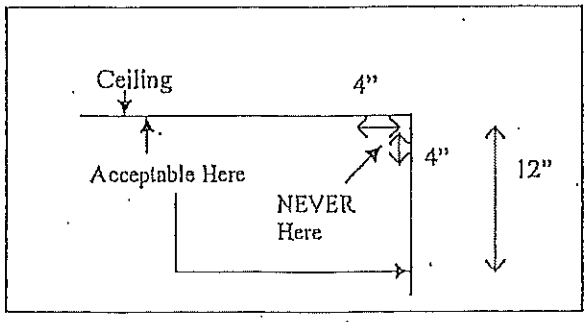


Figure 4



Measurements shown to the closest edge of the detector

Figure 5