

# BOROUGH OF NORTHVALE

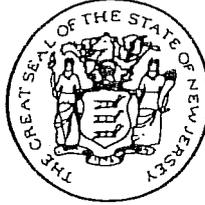
## FIRE PREVENTION BUREAU

116 Paris Avenue • Northvale, NJ 07647

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JOSEPH ZAVARDINO

FIRE MARSHAL



NICOLA LEPORE

FIRE OFFICIAL/INSPECTOR

### APPLICATION FOR CERTIFICATE – SMOKE DETECTOR, CARBON MONOXIDE ALARM AND FIRE EXTINGUISHER

DATE: \_\_\_\_\_ (FEES) ONE AND TWO FAMILY \$75.00  
APARTMENTS - \$50 .00 PER APARTMENT

BLOCK: \_\_\_\_\_

LOT: \_\_\_\_\_

OWNER / AUTHORIZED AGENT: \_\_\_\_\_

PROPERTY TO BE INSPECTED: \_\_\_\_\_

DATE OF CLOSING: \_\_\_\_\_

TELEPHONE #: ( ) \_\_\_\_\_

SIGNATURE OF OWNER / AUTHORIZED AGENT: \_\_\_\_\_

**NOTE: THE CERTIFICATE OF SMOKE DETECTOR, CARBON MONOXIDE AND FIRE  
EXTINGUISHER WILL BE ISSUED WITH THE CERTIFICATE OF CONTINUED  
OCCUPANCY**

#### OFFICIAL USE

FEE: \_\_\_\_\_  
PAID [ ] CHECK # \_\_\_\_\_ CASH \_\_\_\_\_  
COLLECTED BY: \_\_\_\_\_  
CERTIFICATE # \_\_\_\_\_  
DATE: \_\_\_\_\_

**CHECKLIST  
FOR  
SMOKE DETECTOR AND CARBON MONOXIDE  
AND  
FIRE EXTINGUISHER CERTIFICATE**

**SMOKE DETECTORS:**

- Smoke detectors **shall** be located (1) on each level, including basement.
- Outside Bedrooms smoke detector(s) **shall** be within 10 feet of all bedroom doors.
- Smoke detectors shall **NOT** be located in attic, crawl spaces, or in immediate kitchen area.
- Smoke detectors **may be** battery operated or electric interconnected system.

**CARBON MONOXIDE ALARMS**

- At least (1) carbon monoxide **shall** be installed outside and within 10 feet of all bedroom doors.
- Additional carbon monoxide **may be** installed on other levels and in furnace/boiler area.
- Carbon monoxide alarm **may be** battery operated, plug in electrical or smoke detector/carbon monoxide combination type.

**PORTABLE FIRE EXTINGUISHER:**

- At least (1) portable fire extinguisher **shall** be within 10 feet of the kitchen.
- Extinguisher **shall** be listed and no smaller than 2A: 10B:C rated for residential and no more than 10lbs.
- Extinguisher **shall** be hung no more than 5' above floor must be in visible, readily accessible and near an exit location.

See attach diagram for required (above) and additional recommended locations for smoke detector and carbon monoxide alarm locations

\*\*\* "Shall" indicates required by code

**WHERE TO LOCATE DETECTORS:**

Detectors are to be located on every level of a residence (basement, first floor, second floor) excluding crawl spaces and unfinished attics, and in every separate sleeping area, between 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 bedroom 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 on 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 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 fuel movement and normal combustion products may cause a nuisance alarm.
- The "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 smoke detector placement, consult the National Fire Protection Association's Standard No. 72-1984, Third Edition, "Household Fire Warning Equipment." For Carbon monoxide alarms, their publication is Recommendation Practice #720. These publications may be obtained by writing to the Publications Sales Department, National Fire Protection Association, Batterymarch Park, Quincy, MA, 02269.

Carbon monoxide alarms are to be located in every separate sleeping area per NFPA 720 and manufacturer's recommendations.

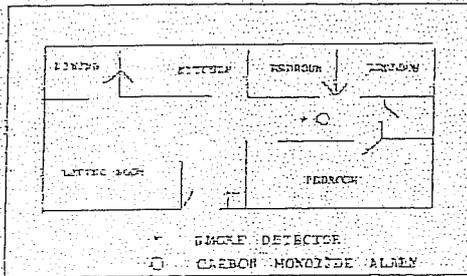


Figure 1

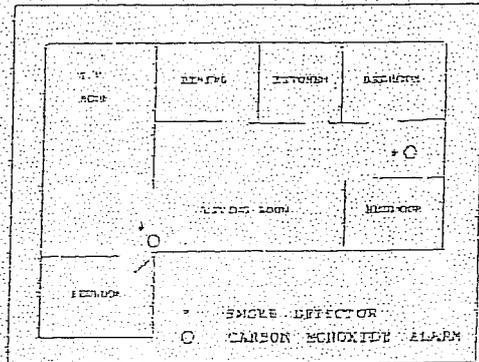


Figure 2

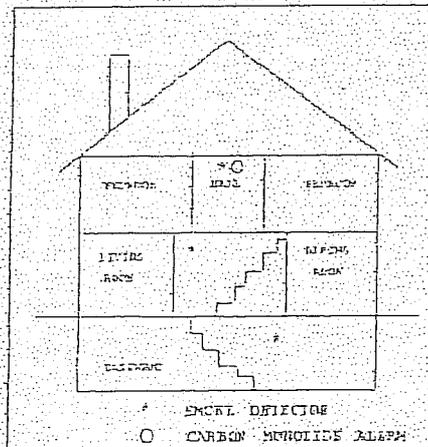


Figure 3

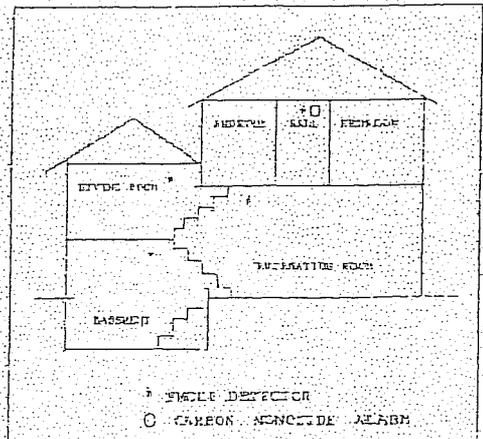


Figure 4

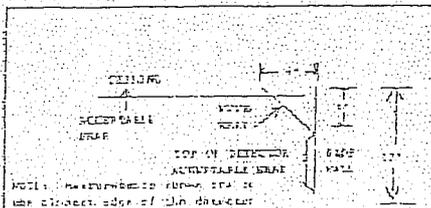


Figure 5

Carbon monoxide 10' from sleeping quarters and 1' in the vicinity of furnace

Smoke alarms on every floor

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- Kitchens: smoke from cooking may cause a nuisance alarm.
- Bathrooms: excessive steam from a shower may cause a nuisance alarm.
- Near forced air ducts: uses 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 "1 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 smoke detector placement, consult the National Fire Protection Association's Standard No. 74-1984, titled "Household Fire Warning Equipment". For Carbon monoxide alarms, their publication is Recommended Practice #720. These publications may be obtained by writing to the Publication Sales Department, National Fire Protection Association, Batterymarch Park, Quincy, MA, 02269.

Carbon monoxide alarms are to be located in every separate sleeping area per NFPA 720 and manufacturer's recommendations.

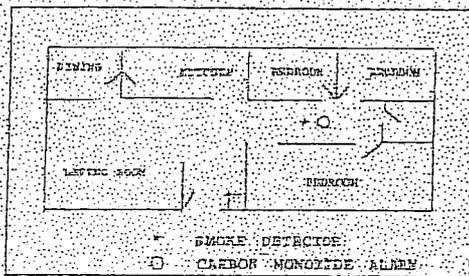


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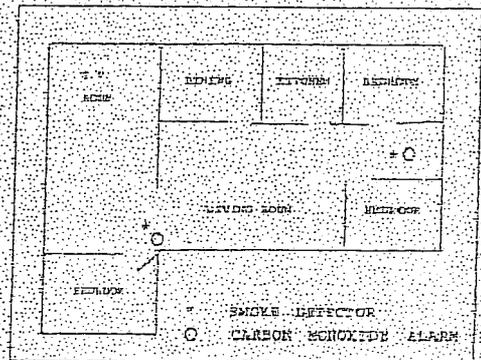


Figure 2

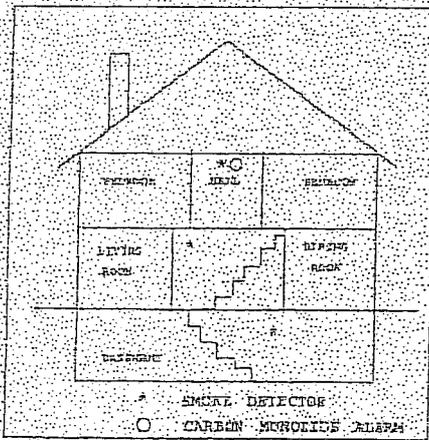


Figure 3

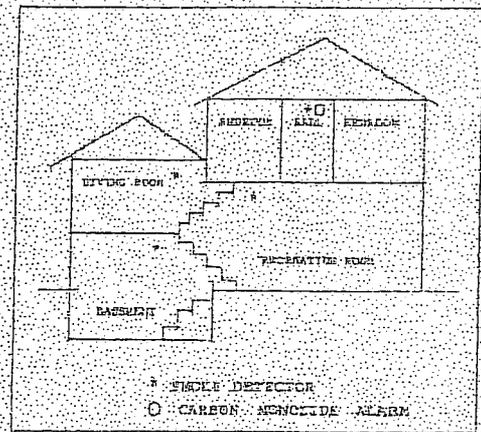


Figure 4

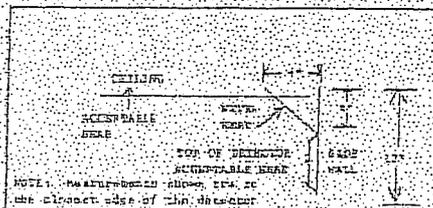


Figure 5

carbon monoxide 10' from sleeping quarters and 1 in the vicinity of furnace

Smoke alarms on every floor