

## FIRE CODE REQUIREMENTS

### GENERAL CONSTRUCTION

The information below is from the North Carolina Building Code Volume I (General Construction) and Volume V (Fire Prevention).

1. Emergency lights with a minimum of 90 minute power supply are required in windowless buildings, subterranean buildings, interior corridors with no natural illumination, occupancies operating during the hours of darkness, or when required by the fire official (Volume I, 1016.1).
2. Any sleeping areas shall be equipped with electric smoke detector (Volume I, 905.2; Volume V, 603.6).
3. Fire extinguishers shall be placed within 50 feet of all areas in a non-sprinkled building and within 75 feet of all areas in a sprinkled building (Volume V, 603.1, 603.3; NFPA 10).
4. All required exits shall be equipped with approved illuminated exit signs. Battery back up on these lights is required in many cases (Volume I, 1016.2).

NOTE: For specifics on exit lights and fire extinguishers, or related matters, contact the Fire Marshal's Office at 255-5087.

5. Sprinklers are to be installed as required. (Volume I, 903; Volume V, Chapter 6)

NOTE: Extinguishing system plans shall be submitted to the Fire Marshal's Office for review PRIOR to installation. (Volume I, 903.1; Volume 5, 603.8.2)

6. Fire alarm systems are to be installed as required. (Volume I, 905; Volume V, 603.7)

NOTE: Fire alarm plans shall be submitted to the Fire Marshal's Office for approval PRIOR to installation. (Volume V, 603.7.4) Certificate of compliance shall be provided as required by NFPA 72.

7. Acceptance tests are required and shall be witnessed by a Fire Marshal on all extinguishing systems and fire alarms. (Volume V, 603.1.4)

