

IBC Chapter 3

- **Use and Occupancy Classification**



Section 301 General

- **The provisions of this chapter shall control the classification of all buildings and structures as to use and occupancy.**

Section 302 Classification

- **Structures shall be classified with respect to one or more occupancies.**
- **Rooms or spaces intended to be occupied at different times for different purposes shall comply with all of the requirements that are applicable...multiple occupancies or uses shall comply with section 508.**

Section 302 Classification

- **1. Assembly**
- **2. Business**
- **3. Educational**
- **4. Factory and Industrial**
- **5. High Hazard**

Section 302 Classification

- **6. Institutional**
- **7. Mercantile**
- **8. Residential**
- **9. Storage**
- **10. Utility and Miscellaneous**

Section 303 Assembly Group A

- **Gathering of persons for puposes such as civic, social or religious functions; recreation, food or drink consumption; or awaiting transportation.**



Exceptions to Assembly Use

- 1. Buildings used for assembly with occupant load less than 50 persons shall be classified as a Group B.

Exceptions to Assembly Use

- **2. Rooms or spaces with occupant load less than 50 persons and accessory shall be classified as a **Group B** or as part of that occupancy.**

Exceptions to Assembly Use

- 3. Rooms or spaces with less than 750 square foot in area and accessory shall be classified as a Group B or as part of that occupancy.

A1 – Fixed seating, performing arts or motion pictures.

- **Motion Picture Theaters**
- **Symphony and Concert Halls**
- **Television and Radio Studios**
- **Theaters**

A2 – Food and or Drink Consumption

- **Banquet halls**
- **Night clubs**
- **Restaurants**
- **Taverns and Bars**



A3 – Worship, recreation or amusement

- **Art galleries**
- **Bowling Alleys**
- **Places of religious worship**
- **Community halls**
- **Courtrooms**
- **Lecture halls**
- **Museums**

A4 – Viewing of indoor sports

- Arenas
- Skating rinks
- Swimming pools
- Tennis courts



A5 – Outdoor Sports

- Amusement park structures
- Bleachers
- Grandstands
- Stadiums



Section 304 Business Group B

- **Use of a building or structure or portion there of, office, professional or service transaction, including storage of records.**

B - Business

- **Barber and Beauty shops**
- **Car wash**
- **Clinic – Outpatient**
- **Education – students above 12th grade**
- **Motor vehicle showrooms**
- **Professional services**

Section 305 Business Group E

- **Six or more persons at any one time for educational purposes through the 12th grade.**



Religious Education and Group E

- **Accessory to places of religious worship in accordance with s. 508.3.1 that have an occupant load of less than 100 shall be classified as A3.**

Day Care and Group E

- **Education, supervision or personal care services for more than five children older than 2 ½ years of age.**

Section 306 Factory Group F

- **Assembling, disassembling, fabricating, finishing, manufacturing, package, repair or processing operations that are not Group H or Group S.**



F1 – Moderate Hazard

- **Aircraft**
- **Automobile and other motor vehicles**
- **Carpets**
- **Dry cleaning**
- **Electronics**
- **Paper mills**
- **Plastic products**

F2 – Low Hazard

- **Fabrication or manufactureing of noncombustible materials which during finishing, packing or processing do not involve a significant fire hazard.**
- **Brick and Masonry**
- **Ceramic products**
- **Foundaries**
- **Gypsum**
- **Metal Products**

Section 307.1 High-Hazard Group H

- **Manufacturing, processing, generation or storage of materials that constitute a physical or health hazard in quantities in excess of those allowed in control areas.**

Control Area vs. Hazard classification

- **Section 414**
- **Section 415**

Exceptions to Hazardous Classification

- **Including buildings and structures divided into, or that contain not more than the maximum allowable quantities per control area.**
- **Table 307.1(1) and Table 307.1(2)**

Section 307.2 Definitions

- **Barricade**
- **Boiling Point**
- **Closed System**
- **Combustible Dust**
- **Combustible Fibers**
- **Combustible Liquid**

Section 307.2 Definitions

- **Control Area**
- **Deflagration**
- **Detonation**
- **Explosive**
- **Flammable Gas**
- **Flammable Liquid**

Section 307.2 Definitions

- **Flash Point**
- **Health Hazard**
- **Open System**

Section 307.3 High-hazard Group H1

- **Detonation hazard.**
- **Explosives**
- **Organic peroxides-unclassified
detonable**
- **Oxidizers-class 4**
- **Unstable Materials-class 3 detonable
and class 4**
- **Detonable pyrophoric materials**

Section 307.4 High-hazard Group H2

- **Deflagration hazard or a hazard from accelerated burning.**
- **Class I, II or IIIA Flammable or Combustible Liquids open system or closed pressurized at more than 15 psi.**
- **Combustible dusts**
- **Flammable gases**

Section 307.4 High-hazard Group H2

- **Organic peroxides-class 1**
- **Oxidizers-class 3**
- **Unstable (reactive) material-class 3
nondetonable**
- **Water-reactive materials-class 3**

Section 307.5 High-hazard Group H3

- **Buildings or structures containing materials that readily support combustion.**
- **Class I, II or IIIA Flammable or Combustible Liquids closed system and pressurized at or less than 15 psi.**
- **Combustible fibers**

Section 307.5 High-hazard Group H3

- **Consumer fireworks**
- **Flammable solids**
- **Organic peroxides-class II and III**
- **Oxidizers-class 2**
- **Oxidizers-class 3 closed system and pressurized at or less than 15 psi.**

Section 307.5 High-hazard Group H3

- **Unstable (reactive) material-class 2**
- **Water-reactive materials-class 2**

Section 307.6 High-hazard Group H4

- **Buildings or structures containing materials that are “health” hazards**
- **Corrosives**
- **Highly toxic materials**
- **Toxic materials**

Section 307.7 High-hazard Group H5

- **Semiconductor fabrication facilities and comparable research and development.**

Section 307.8 Multiple Hazards

- **Buildings or structures containing materials that are classified in one or more...shall conform to the code for each.**

Section 308.1 Institutional Group I

- **The use of a building or structure or a portion thereof, in which people are cared for or live in a supervised environment; physical limitations because of health, age, medical treatment or detention.**

Section 308.2 Group I-1

- **Housing more than 16 persons on a 24 hour basis...age, mental disability or other reasons require living in a supervised residential environment. The occupants are capable of responding to an emergency situation without physical assistance from staff.**

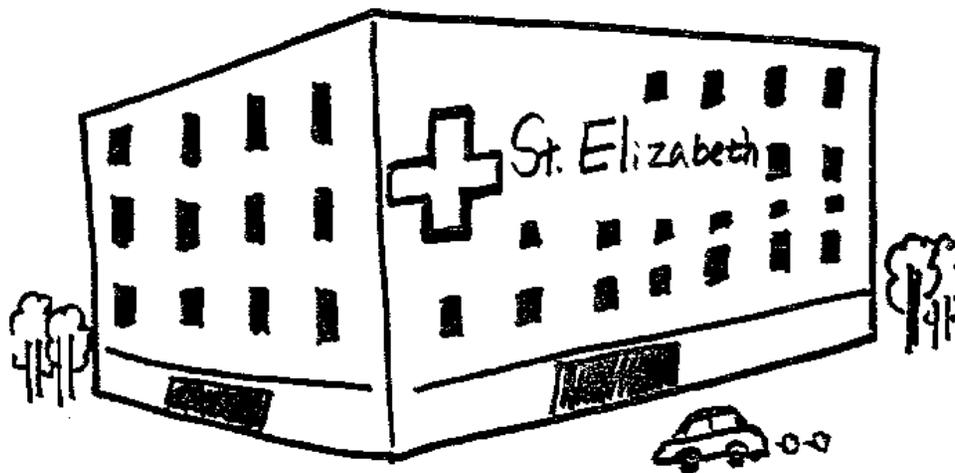
Group I-1

- **Residential board and care facilities**
- **Assisted living facilities**
- **Group homes**



Section 308.3 Group I-2

- Medical, surgical, psychiatric, nursing or custodial care on a 24 hour basis for more than 5 persons who are not capable of self-preservation.



Group I-2

- **Hospital**
- **Nursing Home**
- **Mental Hospital**
- **Detoxification facilities**

Section 308.4 Group I-3

- **Buildings and structures that are inhabited by more than five persons who are under restraint or security. Occupants are incapable of self-preservation due to security measures not under the occupants' control.**

Group I-3

- **Prisons**
- **Jails**
- **Detention centers**
- **Correctional centers**
- **Classification in accordance with 308.4.1 – 308.4.5**



Section 308.5 Group I-4

- **Buildings and structures occupied by persons of any age who receive custodial care for less than 24 hours.**

Section 308.5.1

- **Adult Care Facility...less than 24 hours, more than five unrelated adults. Where occupants are capable of responding to an emergency without physical assistance shall be classified as Group A3**

Section 308.5.2

- ***Child Care Facility...less than 24 hours, more than five children 2 ½ years of age or less. A child care facility that provides care for not more than 100 children 2 ½ years of less of age, when rooms where such children are cared for are located on the level of exit discharge and each room has an exit door directly to the exterior shall be classified as Group E.***

Section 309 Mercantile Group M

- **The display and sale of merchandise, and involves stocks of goods, wares or merchandise incidental to such purposes and accessible to the public.**



Group M

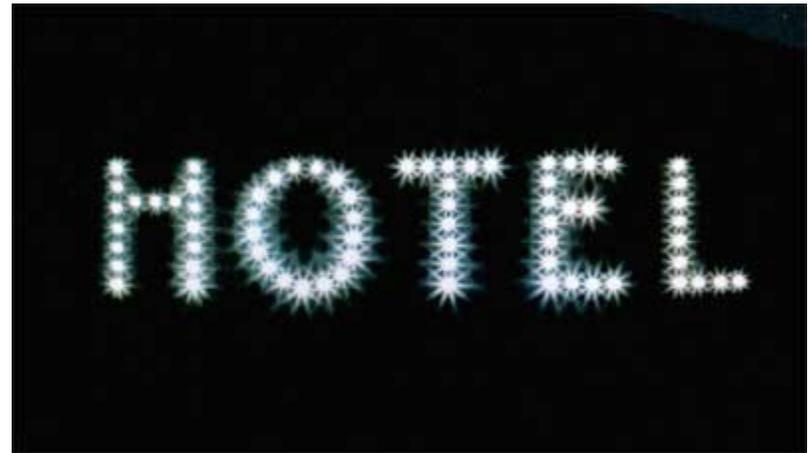
- **Department stores**
- **Drug stores**
- **Markets**
- **Motor fuel-dispensing facilities**
- **Retail or wholesale stores**
- **Sales rooms**

Section 310 Residential Group R

- **Buildings or structures or portion thereof used for sleeping purposes when not classified as an Institutional Group I.**

Group R1

- **Residential occupancies containing sleeping units where the occupants are primarily transient.**
- **Boarding houses**
- **Hotels**
- **Motels**



Group R2

- **Residential occupancies containing sleeping units or more than two dwelling units where the occupants are primarily permanent.**
- **Apartment houses**
- **Convents**
- **Dormitories**
- **Fraternities and Sororities**

Group R3

- **Residential occupancies where the occupants are primarily permanent and not classified as R1, R2, R4 or I.**
- **Buildings that do not contain more than two dwelling units**

Group R4

- **Residential occupancies for occupancy as residential care/assisted living facilities including more than five but not more than sixteen occupants.**

Section 310.2 Definitions

- **Boarding House**
- **Personal care service**
- **Transient**

Section 311.1 Storage Group S

- **The use of a building or structure, or portion thereof, for storage that is not classified as a hazardous occupancy.**

Section 311.2 Moderate-hazard storage Group S1

- **Aircraft repair hangar**
- **Cardboard**
- **Clothing**
- **Lumber**
- **Motor vehicle repair garages**
- **Tires**

Section 311.3 Low-hazard storage Group S2

- **Storage of noncombustible materials.**
- **Aircraft hangar**
- **Cement in bags**
- **Metals**
- **Parking garage, open or enclosed**

Section 312 Utility and Miscellaneous Group U

- **Buildings and structures of an accessory character not classified in any specific occupancy.**
- **Carports**
- **Greenhouses**
- **Sheds**
- **Stables**