

OCCUPANCY CLASSIFICATION AND USE

2018 IBC

ASSEMBLY GROUP A (IBC 303)

- A-1** Motion picture theaters
Symphony and concert halls
Television and radio studios admitting an audience
Theaters
- A-2** Banquet Halls
Casinos (gaming areas),
Nightclubs
Restaurants
Cafeterias and similar dining facilities
Tavern and bars
- A-3** Amusement Arcades
Art galleries
Community halls
Courtrooms
Dance halls
Exhibition halls
Funeral parlors
Greenhouses,
Gymnasiums
Indoor swimming pools and tennis courts with no spectator seating
Lecture halls
Libraries
Museums,
Places of worship
Pool and billiards parlors
Waiting areas in transportation terminals.
- A-4** Arenas
Skating rinks
Swimming pools
Tennis courts with spectator seating
- A-5** Amusement park structures
Bleachers
Grandstands

BUSINESS GROUP B (IBC 304)

- B** Assembly spaces with an occupant load of less than 50 persons
Airport traffic control towers
Ambulatory care facilities
Animal hospitals
Kennels and pounds
Banks
Barber and beauty shop
Carwash
Civic administration
Clinic outpatient
Dry cleaning and laundries
Educational occupancies for students above 12th grade
Electronic data processing
Food processing not associated with a restaurant less than 2,500 sq ft
Laboratories
Motor vehicle showrooms
Post offices
Print shops
Professional services
Radio and television stations
Telephone exchanges
Training and skill development

EDUCATIONAL GROUP E (IBC 305)

- E** Six or more persons at a time for educational purposes through the 12th grade

More than 5 children older than 2.5 years of age who receive educational and personal service for fewer than 24 hours per day

FACTORY GROUP F (IBC 306)

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|-----------------------------|---|---------------------|------------------------|
| F-1 Aircraft | Canvas or similar equipment | Hemp products | Plastic products |
| Appliances | Carpets and rugs | Jute products | Printing or publishing |
| Athletic equipment | Clothing | Laundries | Recreational vehicles |
| Automobiles | Construction and agricultural machinery | Leather products | Refuse incineration |
| Bakeries | Disinfectants | Machinery | Shoes |
| Beverages | Dry cleaning | Metals | Soaps and detergents |
| Bicycles | Electric generation plans | Millwork | Textiles |
| Boats | Electronics | Motion pictures | Tobacco |
| Brooms or brushes | Engines | Musical instruments | Trailers |
| Business machines | Food processing over 2,500 sq ft | Optical goods | Upholstering |
| Cameras and photo equipment | Furniture | Paper mills | Wood |
| | | Photographic film | |

<p><u>FACTORY GROUP F (IBC 306) CONTINUED</u></p> <p>F-2 Beverages Brick and masonry Ceramic products Foundries Glass products Gypsum Ice metal products</p>	<p><u>MERCANTILE GROUP M (IBC 309)</u></p> <p>M Department stores Drug stores Markets Greenhouses for display and sale Motor fuel-dispensing facilities Retail or wholesale stores Sales rooms.</p>
<p><u>HIGH-HAZARD GROUP H (IBC 307)</u></p> <p>H-1 See 307.3 H-2 See 307.4 H-3 See 307.5 H-4 See 307.6 H-5 See 307.7</p>	<p><u>RESIDENTIAL GROUP R (IBC 310)</u></p> <p>R-1 Boarding houses (transient) with more than 10 occupants Congregate living facilities (transient) with more than 10 occupants Hotels (transient) Motels (transient)</p> <p>R-2 Apartment houses Congregate living facilities (non transient) with more than 16 occupants Boarding houses (non transient) Convents Dormitories Fraternities and sororities Monasteries Hotels (non transient) Live/work units Motels (non transient) Vacation time share properties.</p> <p>R-3 Buildings that do not contain more than 2 dwelling units Care facilities that provide accommodations for five or fewer persons receiving care Congregate care facilities (non transient) with 16 or fewer occupants Boarding houses (non transient) Convents Dormitories Fraternities and sororities Monasteries Congregate living facilities (transient) with 10 or fewer occupants Boarding houses (transient) Lodging houses (transient) with five or fewer guest room and 10 or fewer occupants.</p> <p>R-4 More than 5 but less than 16 persons, excluding staff, who reside on a 24-hour basis Alcohol and drug centers Assisted living facilities Congregate care facilities Group homes Halfway houses Residential board and care facilities Social rehabilitation facilities.</p>
<p><u>INSTITUTIONAL GROUP I (IBC 308)</u></p> <p>I-1 More than 16 persons, excluding staff, who reside on a 24-hour basis in a supervised environment and receive custodial care Alcohol and drug centers Assisted living facilities Congregate care facilities Group homes Halfway houses Residential board and care facilities Social rehabilitation facilities.</p> <p>I-2 More than 5 persons, who are incapable of self-preservation on a 24-hour basis Foster Care facilities Detoxification facilities Hospitals Nursing homes Psychiatric hospitals.</p>	
<p><u>UTILITY AND MISCELANEOUS GROUP U (IBC 312)</u></p> <p>U Agricultural Buildings Aircraft Hangars Barns Carports Communication Equipment with less than 1,500 sq ft Fences more than 6' Grain Silos (Accessory to a residential occupancy) Livestock shelters Private garages Retaining walls Sheds Stables Tanks Towers</p>	

STORAGE GROUP S (IBC 311)

S-1 Aerosol Products
Aircraft Hangar
Bags: cloth, burlap and paper
Bamboos and rattan
Baskets
Belting
Books and paper in rolls or packs
Boots and shoes
Buttons, including cloth covered, pearl or bone
Cardboard and cardboard boxes
Clothing, woolen wearing apparel
Cordage
Dry boat storage (indoor)
Furniture
Furs
Glues, mucilage, pastes and size
Grains
Horns and combs, other than celluloid
Leather
Linoleum
Lumber
Motor vehicle repair garages
Photo engravings
Resilient flooring
Self-service storage facility (mini-storage)
Silks
Soaps
Sugar
Tires
Tobacco cigars, cigarettes and snuff
Upholstery and mattresses
Wax candles

S-2 Asbestos
Beverages up to 16% alcohol in metal, glass or ceramic containers
Cement in bags
Chalk and crayons
Dairy products in non-waxed coated paper containers
Dry cell batteries
Electrical coils
Electrical motors
Empty cans
Food products
Foods in non-combustible containers
Fresh fruits and vegetables in non plastic containers
Frozen foods
Glass
Glass bottles
Gypsum board
Inert pigments
Ivory
Meats
Metal cabinets
Metal desks with plastic tops and trim
Metal parts
Metals
Mirrors
Oil-filled and other types of distribution transformers
Parking garages, open or enclosed
Porcelain and pottery
Stoves
Talc and soapstone
Washers and dryers.

TYPES OF CONSTRUCTION

IBC Chapter 6

- Type IA- Building Elements (Primary Structural Frame, Walls, Floor and Roof) are of non-combustible construction and have a 3-hour rating.
Commonly these are high rise or very large low-rise concrete buildings.
- Type IB- Building Elements (Primary Structural Frame, Walls, Floor and Roof) are of non-combustible construction and have a 2-hour rating.
Commonly these are high rise or very large low-rise concrete buildings.
- Type IIA- Building Elements (Primary Structural Frame, Walls, Floor and Roof) are of non-combustible construction and have a 1-hour rating.
Commonly these are high rise or very large low-rise concrete buildings.
- Type IIB- Building Elements (Primary Structural Frame, Walls, Floor and Roof) are of non-combustible construction and have a 0-hour rating.
Commonly these are high rise or very large low-rise concrete buildings.
- Type IIIA- Exterior walls are of noncombustible material and have a 2-hour rating, interior elements can be of any material (Primary Structural Frame, Interior Load Bearing Walls, Floor and Roof must have a 1-hour rating. Exterior walls must have a 2-hour rating).
Most commonly these are buildings with concrete or masonry exterior walls but with wood frame floor, interior wall and roof.
- Type IIIB- Exterior walls are of noncombustible material and have a 2-hour rating, structural members are allowed to have a 0-Hour Rating.
Most commonly these are buildings with concrete or masonry exterior walls but with wood frame floor, interior wall and roof.
- Type IV- Heavy Timber. Exterior walls are of non-combustible construction and interior building elements are of solid wood, laminated wood, heavy timber or Structural Composite Lumber.
- Type VA- All types of materials are allowed. Interior and Exterior load-bearing walls, floors, roofs and all structural members are protected to provide a minimum of 1-hour rating.
Most commonly these are Wood Frame Buildings.
- Type VB- All types of materials are allowed.
Most commonly these are Wood Frame Buildings.