



OCCUPANCY CLASSIFICATION, USE AND TYPE OF CONSTRUCTION 2021 IBC

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Phone: (702) 229-6251

Assembly Group A (IBC 303)

- A-1** Motion picture theater
 - 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 (including associated commercial kitchens)
 - Taverns and bars
- A-3** Amusement arcades
 - Art galleries
 - Bowling alleys
 - Community halls
 - Courtrooms
 - Dance halls (not including food or drink consumption)
 - Exhibition halls
 - Funeral parlors
 - Greenhouses for the conservation and exhibition of plants that provide public access.
 - Gymnasiums (without spectator seating)
 - Indoor swimming pools (without spectator seating)
 - Indoor tennis courts (without spectator seating)
 - Lecture halls
 - Libraries
 - Museums
 - Places of religious worship
 - Pool and billiard parlors
 - Waiting areas in transportation terminals
- A-4** Arenas
 - Skating rinks
 - Swimming pools
 - Tennis courts
- A-5** Amusement park structures
 - Bleachers
 - Grandstands
 - Stadiums

Business Group B (IBC 304)

- B** Airport traffic control towers
 - Ambulatory care facilities
 - Animal hospitals, kennels and pounds
 - Assembly Spaces with an occupant load less than 50 occupants
 - Banks
 - Barber and beauty shops
 - Car wash
 - Civic administration
 - Clinic, outpatient
 - Dry cleaning and laundries: pick-up and delivery stations and self-service
 - Educational occupancies for students above the 12th grade
 - Electronic data processing
 - Food processing establishments and commercial kitchens not associated with restaurants, cafeterias and similar dining facilities not more than 2,500 square feet in area.
 - Laboratories: testing and research
 - Motor vehicle showrooms
 - Post offices
 - Print shops
 - Professional services (architects, attorneys, dentists, physicians, engineers, etc.)
 - Radio and television stations
 - Telephone exchanges
 - Training and skill development not in a school or academic program (this shall include, but not be limited to, tutoring centers, martial arts studios, gymnastics and similar uses regardless of the ages served, and where not classified as a Group A occupancy).

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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|--|---|---|---|
| <ul style="list-style-type: none"> F-1 Aircraft (manufacturing, not to include repair) Appliances Athletic equipment Automobiles and other motor vehicles Bakeries Beverages: over 16-percent alcohol content Bicycles Boats Brooms or brushes Business machines Cameras and photo equipment Canvas or similar fabric | <ul style="list-style-type: none"> Carpets and rugs (includes cleaning) Clothing Construction and agricultural machinery Disinfectants Dry cleaning and dyeing Electric generation plants Electronics Engines (including rebuilding) Food processing establishments and commercial kitchens not associated with restaurants, cafeterias and similar dining facilities more than 2,500 square feet (232 m2) in area. Furniture | <ul style="list-style-type: none"> Hemp products Jute products Laundries Leather products Machinery Metals Millwork (sash and door) Motion pictures and television filming (without spectators) Musical instruments Optical goods Paper mills or products Photographic film | <ul style="list-style-type: none"> Plastic products Printing or publishing Recreational vehicles Refuse incineration Shoes Soaps and detergents Textiles Tobacco Trailers Upholstering Wood; distillation Woodworking (cabinet) |
| <ul style="list-style-type: none"> F-2 Beverages: up to and including 16-percent alcohol content Brick and masonry Ceramic products Foundries Glass products Gypsum Ice Metal products (fabrication and assembly) | | | |

High Hazard Group H (IBC 307)

- 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)

Institutional Group I (IBC 308)

- 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
- I-2** Buildings and structures used for medical care on a 24-hour basis for more than five persons who are incapable of self-preservation
 - Foster care facilities
 - Detoxification facilities
 - Hospitals
 - Nursing homes
 - Psychiatric hospitals
- I-3** Buildings and structures that are inhabited by more than five persons who are under restraint or security
 - Correctional centers
 - Detention centers
 - Jails
 - Prerelease centers
 - Prisons
 - Reformatories

Mercantile Group M (IBC 309)

- M** Department stores
 - Drug stores
 - Markets
 - Greenhouses for display and sale of plants that provide public access.
 - Motor fuel-dispensing facilities
 - Retail or wholesale stores
 - Sales rooms

Residential Group R (IBC 310)

- R-1** Boarding houses (transient) with more than 10 occupants
 - Congregate living facilities (transient) with more than 10 occupants
 - Hotels (transient)
 - Motels (transient)
- R-2** Apartment houses
 - Congregate living facilities (nontransient) with more than 16 occupants
 - Boarding houses (nontransient)
 - Convents
 - Dormitories
 - Fraternities and sororities
 - Monasteries
 - Hotels (nontransient)
 - Live/work units
 - Motels (nontransient)
 - Vacation timeshare properties
- R-3** Buildings that do not contain more than two dwelling units
 - Care facilities that provide accommodations for five or fewer persons receiving care
 - Congregate living facilities (nontransient) with 16 or fewer occupants
 - Boarding houses (nontransient)
 - 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 rooms and 10 or fewer occupants
- R-4** Buildings, structures or portions thereof for more than five but not more than 16 persons, excluding staff, who reside on a 24-hour basis in a supervised residential 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

Storage Group S (IBC 311)

- S-1** Aerosol products, Levels 2 and 3
 - Aircraft hangar (storage and repair)
 - Bags: cloth, burlap and paper
 - Bamboos and rattan
 - Baskets
 - Belting: canvas and leather
 - 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 complying with the maximum allowable quantities of hazardous materials listed in Table 307.1(1) (see Section 406.8)
 - Photo engravings
 - Resilient flooring
 - Self-service storage facility (mini-storage)
 - Silks
 - Soaps
 - Sugar
 - Tires, bulk storage of
 - Tobacco, cigars, cigarettes and snuff
 - Upholstery and mattresses
 - Wax candles

S-2 Asbestos

- Beverages up to and including 16% alcohol in metal, glass or ceramic containers
- Cement in bags
- Chalk and crayons
- Dairy products in nonwaxed coated paper containers
- Dry cell batteries
- Electrical coils
- Electrical motors
- Empty cans
- Food products
- Foods in noncombustible containers
- Fresh fruits and vegetables in nonplastic trays or containers
- Frozen foods
- Glass
- Glass bottles, empty or filled with noncombustible liquids
- 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 soapstones
- Washers and dryers

Utility and Miscellaneous Group U (IBC 312)

- U** Agricultural buildings
 - Aircraft hangars, accessory to a one- or two-family residence (see Section 412.4)
 - Barns
 - Carports
 - Communication equipment structures with a gross floor area of less than 1,500 square feet (139 m²)
 - Fences more than 6 feet (1829 mm) in height
 - Grain silos, accessory to a residential occupancy
 - Livestock shelters
 - Private garages
 - Retaining walls
 - Sheds
 - Stables
 - Tanks
 - Towers

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 f rame, 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.