



DEPARTMENT OF BUILDING & SAFETY
OCCUPANCY CLASSIFICATION, USE AND TYPE OF CONSTRUCTION
2018 IBC

www.LasVegasNevada.gov/BuildingPermits
 Phone: (702) 229-6251 Fax: (702) 382-1240

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)

- | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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.