

The ORIGINAL IDEX CA Prep Class

Use and Occupancy Classifications

Assembly Group A (303)

- A building or structure for the gathering of persons for purposes such as civic, social or religious functions; recreation, food or drink consumption; awaiting transportation; motion picture and television production studio sound stages, approved production facilities and production locations
- Exception: A room or space used for assembly purposes with an occupant load of **less than 50 persons** or **less than 750 square feet in area** and is accessible to another occupancy shall be classified as a **Group B occupancy**
 - **A-1:** Assembly uses, usually with fixed seating (auditorium or theater), intended for the production and viewing of the performing arts or motion pictures
 - Includes but not limited to:
 - Motion pictures and theater production sound stages
 - Symphony and concert halls
 - Television and radio studios admitting a live audience
 - Theaters
 - **A-2:** Assembly uses intended for food and/or drink consumption, such as restaurants with 50 or more occupants
 - Less than 50 occupants would be classified in Business Group B
 - Assembly Group A - Restaurants must have seating areas such as in a banquet room
 - And Category A-2 does not include food preparation kitchens without dining areas such as bakeries, food-to-go establishments, etc.
 - Includes but not limited to:
 - Banquet halls
 - Night clubs
 - Restaurants
 - Taverns and bars
 - **A-3:** Assembly uses intended for worship, recreation or amusement and other activities.
 - Includes religious educational rooms and auditoriums with occupant loads of less than 100.
 - Also includes but not limited to:
 - Amusement arcades
 - Art galleries
 - Bowling alleys
 - Places of religious worship
 - Community halls
 - Courtrooms
 - Dance halls
 - Exhibition halls
 - Funeral parlors
 - Gymnasiums (without spectator seating)
 - Indoor swimming pools (without spectator seating)
 - Indoor tennis courts (without spectator seating)
 - Lecture halls
 - Libraries
 - Museums

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- Waiting areas in transportation terminals
 - Pool and billiard parlors
- **A-4:** Assembly uses intended to viewing of indoor sporting events and activities with spectator seating
- includes but not limited to:
 - Arenas
 - Skating rinks
 - Swimming pools
 - Tennis courts
- **A-5:** Assembly uses intended for participation in or viewing outdoor activities
 - Includes but not limited to:
 - Amusement park structures
 - Bleachers
 - Grandstands
 - Stadiums

Business Group B (304)

- The use of a building or structure, or portion thereof, for office, professional or service-type transactions, including storage of records and accounts
- Also used for assembly purposes for occupant loads of under 50 persons and less than 750 square feet that is accessible to another occupancy
- Includes but not limited to:
 - Airport traffic control towers
 - Animal hospitals, kennels & pounds
 - Banks
 - Barber and beauty shops
 - Car wash
 - Civic administration
 - Clinic-outpatients
 - Dry cleaners & laundries
 - Educational occupancies for students above the 12th grade (otherwise Educational Group E)
 - Electronic data processing
 - Laboratories for testing, research and instruction
 - Motor vehicle showrooms
 - Post offices
 - Print shops
 - Professional services (architects, attorneys, dentists, physicians, engineers, etc.)
 - Radio & television stations
 - Telephone exchanges
 - Training & skill development not within a school or academic program

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Educational Group E (305) - NO PHYSICAL LIMITATION HEALTH ISSUES

- The use of a building or structure by **more than six persons** at any one time for education purposes through the **12th grade** (Group B)
 - Home schooling exception: A residence used as a home school for children who normally reside at the residence (R-2 or R-3)
- The use of a building or structure for **more than six children older than 2 years of age** who receive **fewer than 24 hours per day** educational, supervision or personal care services for
 - Day care facilities exceptions
 - Occupants are not capable of responding to an emergency situation without physical assistance from the staff shall be Group I-4

Factory Group F (306)

- The use of a building or structure for assembling, disassembling, fabricating, finishing, manufacturing, packaging, repair or process operations
- It is divided into two groups
 - **F-1: Moderate Hazard**
 - F-1 shall include but not be limited to:
 - Aircraft
 - Appliances
 - Athletic equipment
 - Automobile and other motor vehicles
 - Bakeries
 - Beverages, over 12% alcohol content
 - Bicycles
 - Boats
 - Brooms or brushes
 - Business machines
 - Cameras and photo equipment
 - Canvas or similar fabric
 - Carpets and rugs (includes cleaning)
 - Clothing
 - Construction and agricultural machinery
 - Disinfectants
 - Dry cleaning and dyeing
 - Electric generation plants
 - Electronics
 - Engines (including rebuilding)
 - Food processing
 - Furniture
 - Hemp products
 - Jute products
 - Laundries
 - Leather products machinery
 - Metals
 - Millwork (sash & door)
 - Motion picture and television production studios

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- Musical instruments
- Optical goods
- Paper mills or products
- Photographic film
- Plastic products
- Printing or publishing
- Recreational vehicles
- Refuse incineration
- Shoes
- Soaps and detergents
- Textiles
- Tobacco
- Trailers
- Upholstering
- Wood: distillation
- Woodworking (cabinet)
- **F-2:** Low-hazard occupancy consists of factory industrial uses that involve the fabrication or manufacturing of noncombustible materials which during finishing, packing or processing do not involve a significant fire hazard
 - F-2 shall include and not be limited to:
 - Beverages: up to and including 12% alcohol content
 - Brick & masonry
 - Ceramic products
 - Foundries
 - Glass products
 - Gypsum
 - Ice
 - Metal products (fabrication & assembly)

High Hazard Group H (307)

- Includes the use of a building or structure for manufacturing, processing, generating or storing materials that constitute a physical or health hazard in quantities in excess of those allowed in control areas and/or pose a hazard for accelerated burning. The building or structure also must comply with the California Fire Code.
- The rating goes from H-1 through H-5 increasing in hazards with the numbers
- Includes flammable liquids and unstable and water-reactive materials (Part 2, definitions on page 58) (307.1)
- High-hazard occupancies would include items such as
 - Flammable finishes
 - Combustible liquids (307.2)
 - Liquid solvents with flash points at or above 200°F
 - Bulk storage of liquor
 - Refrigeration systems
 - Corrosives
 - Propelled aerosol storage
 - Black powder

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Institutional Group I (308)

- Includes buildings or structures that house people who are cared for or live in a supervised environment for physical limitations or medical treatment or who are detained for penal or correctional purposes
 - **I-1:** Not used (reference R-2.1 Section 310.1)
 - **I-2:** Buildings or structures used for medical, surgical, psychiatric, nursing or custodial care on a 24-hour basis for **more than 5 persons of any age** who are classified at nonambulatory or bedridden
 - Hospitals
 - Nursing homes
 - Psychiatric hospitals
 - Detoxification facilities
 - **I-3:** Buildings or structures inhabited by one or more persons under restraint
 - Prisons
 - Jails
 - Reformatories
 - Detention centers
 - Correctional centers
 - Juvenile halls
 - **I-4:** Day care facilities outside of the home for **more than 6 persons of any age** who receive custodial care outside of the person's home for **less than 24 hours** by individuals other than parents, guardians and relatives (6 or fewer persons is classified as R-3)
 - Includes adult and child care facilities

Mercantile Group M (309)

- Buildings or structures or a portion thereof for display and sale of merchandise which involves stocks of goods or wares available to the public
 - Department stores
 - Drug stores
 - Markets
 - Motor fuel-dispensing facilities
 - Retail or wholesale stores
 - Sales rooms

Residential Group R (310)

- Includes use of buildings or structures or a portion thereof for sleeping purposes
 - **R-1:** Occupancies containing sleeping units where occupants are primarily transient (not more than 30 days) in nature
 - Includes
 - Boarding houses (transient) with more than 10 occupants
 - Hotels (transient)
 - Motels (transient)

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- **R-2:** Occupancies containing sleeping units or more than two dwelling units where occupants are primarily permanent in nature
 - Includes
 - Boarding houses (nontransient)
 - Motels (nontransient)
 - Hotels (nontransient)
 - Apartment houses
 - Convents
 - Dormitories
 - Fraternities & sororities houses
 - Monasteries
 - Vacation timeshare properties
- **R-3:** Residential occupancies where the occupants are primarily permanent in nature and are not classified in R-1, R-2, R-3.1, R-4 or I
 - Includes but not limited to:
 - Duplexes
 - Single family dwellings
 - Day care homes
 - Townhouses not more than 3 stories above grade in height with a separate means of egress
 - Adult care facilities that provide accommodations for clients of any age for less than 24 hours (day-care) (otherwise Group E)
 - Child care facilities that provide accommodations for clients of any age for less than 24 hours (otherwise Group E – more than 6 children 2 years & older)
- **R-4:** Residentially based 24-hour care facility providing accommodations for more than **6 ambulatory clients** of any age excluding staff (Less than 24 hours is I-4)
 - Includes but not limited to:
 - Adult residential facilities
 - Congregate living health facilities (active seniors)
 - Foster family homes
 - Group homes
 - Intermediate care facilities
 - Nurseries for full time care of children under the age of six
 - Residential care facilities for the elderly

Storage Group S (311)

- Includes the use of the building or structure or a portion thereof that is not classified as a hazardous occupancy
- Three categories include:
 - **S -1:** A structure or portion of a structure that is used for moderate-hazardous storage
 - Aerosols, levels 2 & 3
 - Aircraft repair hangar
 - Bags: cloth, burlap & paper
 - Bamboos & rattan
 - Baskets

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- Belting: canvas & leather
- Books & paper in rolls
- Boots & shoes
- Buttons, including cloth covered, pearl or bone
- Cardboard & cardboard boxes
- Clothing, woolen wearing apparel
- Cordage
- Dry boat storage (indoor)
- Furniture
- Furs
- Glues, mucilage, pastes & size
- Grains
- Horns & combs, other than celluloid
- Leather
- Linoleum
- Lumber
- Motor vehicle repair garages
- Photo engravings
- Resilient flooring
- Silks
- Soaps
- Sugar
- Tires, bulk storage
- Tobacco, cigars, cigarettes & snuff
- Upholstery & mattresses
- Wax candles
- **S-2:** A structure or portion of a structure that is used for low-hazardous storage
 - Aircraft hangar
 - Asbestos
 - Beverages up to & including 12% alcohol content
 - Cement in bags
 - Chalk & crayons
 - Dairy products in non-waxed coated containers
 - Dry cell batteries
 - Electrical coils
 - Electrical motors
 - Empty cans
 - Food products
 - Foods in noncombustible containers
 - Fresh fruits & vegetables in nonplastic trays or containers
 - Frozen foods
 - Glass
 - Glass bottles, empty or filled with noncombustible liquids
 - Gypsum board storage
 - Inert pigments
 - Ivory
 - Meats

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- Metal cabinets
- Metal desks with plastic tops & trim
- Metal parts
- Metals
- Mirrors
- Oil-filled & other types of distribution transformers
- Parking garages, open or enclosed
- Porcelain & pottery
- Stoves (ranges)
- Talc & soapstones
- Washers & dryers
- **Third is not rated** - A structure or portion of a structure that is used for low-hazardous storage

Utility and Miscellaneous Group U (312)

- Buildings and structures of an accessory character and miscellaneous structures not classified in any specific occupancy
1. Group U shall include, but not be limited to:
 - Agricultural buildings
 - Aircraft hangars that are accessory to residence
 - Barns
 - Carports
 - Fences more than 6 feet high
 - Grain silos, accessory to residence
 - Livestock shelters
 - Private garages
 - Retaining walls
 - Sheds
 - Stables
 - Tanks
 - Towers

Laboratories Group L (313)

- Use of a building or structure, or portion thereof, containing one or more laboratory suites

Organized Camps Group C (314)

An organized camp is a site with programs facilities established for the primary purpose of providing an outdoor group living experience with social, spiritual, educational or recreational objectives, for five days or more during one or more seasons of the year.

NOTES:

- Focus on the categories listed above as it is not necessary for the IDEX CA to further break down the categories.
- There are many exceptions to the majority of the codes and are determined by the conditions and building department.
- Clarification of **day care facilities for children 2 years old and above**

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- Occupancy Classifications
 1. Educational (E) – Daycare for less than 24 hours.
 2. Institutional (I-2) - custodial care for 6 or less children and (I-4) for 6 or more children.
 3. Residential (R-3) – Full time care for 6 or less children who are ambulatory, nonambulatory or bedridden. Also for home schooled children.