

FIRE PREVENTION

245 Attachment 1

City of St. Francis

Table 1 Classification of Occupancies

1. Assembly Group A.

Group A occupancies include, among others, the use of a building or structure, or a portion thereof, for the gathering together of persons for purposes such as civic, social or religious functions, recreation, food or drink consumption or awaiting transportation. A room or space used for assembly purposes by fewer than 50 persons and accessory to another occupancy shall be included as part of that occupancy. Assembly occupancies shall include the following:

(a) A-1 assembly uses, usually with fixed seating, intended for the production and viewing of the performing arts or motion pictures, including but not limited to:

- Motion-picture theaters
- Theaters
- Television and radio stations admitting an audience

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire;
2. A-1, A-2, A-3, A-4 and A-5 Assembly Group buildings;
3. Throughout all Type V construction; and
4. In buildings of Type I, II, III and IV construction in such places as, but not limited to, stage, under roof of stage, fly galleries and bridge, in dressing rooms, work rooms, property rooms, crawl spaces, hidden spaces and on stage side of proscenium openings all over 8,000 square feet.

(b) A-2 assembly uses intended for food and/or drink consumption, including but not limited to:

- Banquet halls
- Nightclubs
- Restaurants
- Taverns and bars

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire;

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2. A-1, A-2, A-3, A-4 and A-5 Assembly Group buildings;
3. Throughout all Type V construction; and
4. In buildings of Type I, II, III and IV construction in such places as, but not limited to, stage, under roof of stage, fly galleries and bridge, in dressing rooms, work rooms, property rooms, crawl spaces, hidden spaces and on stage side of proscenium openings all over 8,000 square feet.

(c) A-3 assembly uses intended for worship, recreation or amusement and other assembly uses not classified elsewhere in Group A, including but not limited to:

- Amusement arcades
- Art galleries
- Auditoriums
- Bowling alleys
- Churches
- Community halls
- Courtrooms
- Dance halls
- Exhibition halls
- Funeral parlors
- Gymnasiums
- Indoor swimming pools
- Indoor tennis courts
- Lecture halls
- Libraries
- Museums
- Passenger stations (waiting area)
- Pool and billiard parlors

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire;
2. A-1, A-2, A-3, A-4 and A-5 Assembly Group buildings;
3. Throughout all Type V construction; and
4. In buildings of Type I, II, III and IV construction in such places as, but not limited to, stage, under roof of stage, fly galleries and bridge, in dressing rooms, work rooms, property rooms, crawl spaces, hidden spaces and on stage side of proscenium openings all over 8,000 square feet.

(d) A-4 assembly uses intended for the viewing of indoor sporting events and activities with spectator seating, including but not limited to:

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Arenas
Skating rinks
Swimming pools
Tennis courts

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire;
 2. A-1, A-2, A-3, A-4 and A-5 Assembly Group buildings;
 3. Throughout all Type V construction; and
 4. In buildings of Type I, II, III and IV construction in such places as, but not limited to, stage, under roof of stage, fly galleries and bridge, in dressing rooms, work rooms, property rooms, crawl spaces, hidden spaces and on stage side of proscenium openings all over 8,000 square feet.
- (e) A-5 assembly uses intended for participation in or viewing outdoor activities, including but not limited to:

Amusement park structures
Bleachers
Grandstands
Stadiums

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a central station;
2. A-1, A-2, A-3, A-4 and A-5 Assembly Group buildings;
3. Throughout all Type V construction; and
4. In buildings of Type I, II, III and IV construction in such places as, but not limited to, stage, under roof of stage, fly galleries and bridge, in dressing rooms, work rooms, property rooms, crawl spaces, hidden spaces and on stage side of proscenium openings all over 8,000 square feet.

2. Business Group B.

Group B occupancy includes, among others, the use of a building or structure, or a portion thereof, for office, professional or service-type transactions, including storage of records and accounts. Business occupancies shall include but not be limited to:

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Airport traffic control towers
Animal hospitals, kennels and pounds
Banks
Barber and beauty shops
Car wash
Civic administration
Clinic-outpatient
Dry cleaning and laundries; pickup and delivery stations and self-service
Educational occupancies above the 12th grade
Electronic data processing
Fire and police stations
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

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.
2. Business Group B buildings.
3. Throughout all Type V construction which is:
 - a) Five thousand square feet or more in total area; or
 - b) Over two stories in height.
4. Throughout all Type I, II, III and IV construction which is:
 - a) Ten thousand square feet or more in total area; or
 - b) Over two stories in height.

3. Educational Group E.

Group E occupancies include, among others, the use of buildings or structure, or a portion thereof, by six or more persons at one time for educational purposes through the 12th grade.

The use of a building or structure, or portion thereof, for educational, supervision or personal care services for more than five children older than 2 1/2 years of age shall be classified as a Group E occupancy.

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1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.
2. Educational Group E buildings.
3. Throughout all Type V construction.
4. Throughout all Type I, II, III and IV construction:
 - (a) Over 10,000 square feet; or
 - (b) Over two stories in height.

4. Factory Industrial Group F.

Group F occupancies include, among others, the use of buildings or structure, or the portion thereof, for assembling, disassembling, fabricating, finishing, manufacturing, packaging, repair or processing operations that are not classified as a Group H hazardous occupancy.

(a) F-1 Moderate-Hazard Occupancy. Factory industrial uses which are not classified as factory industrial F-2 Low Hazard shall be classified as F-1 Moderate Hazard and shall include, but not be limited to, the following:

- Aircraft
- Appliances
- Athletic equipment
- Automobiles and other motor vehicles
- Bakeries
- Bicycles
- Boats; building
- 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
- Electronic light plants and power houses
- Electronics
- Engines (including rebuilding)
- Food processing
- Furniture
- Hemp products
- Jute products

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Laundries
Leather products
Machinery
Metals
Millwork (sash and door)
Motion pictures and television filming
Music instruments
Optical goods
Paper mills or products
Photographic film
Plastic products
Printing or publishing
Recreational vehicles
Refuse incineration
Shoes
Soaps and detergents
Textiles
Trailers
Upholstering
Wood; distillation
Woodworking (cabinet)

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.
 2. Factory Industrial Group F-1 and F-2.
 3. Throughout all Type V construction which is:
 - a) Five thousand square feet or more in total area; or
 - b) Over two stories in height.
 4. Throughout all Type I, II, III and IV construction which is:
 - a) Ten thousand square feet or more in total area; or
 - b) Over two stories in height.
- (b) F-2 Low-Hazard Occupancy. 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 shall be classified as F-2 occupancies and shall include, but not be limited to, the following:

Beverages (nonalcoholic)
Brick and masonry

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Ceramic products
Foundries
Glass products
Gypsum
Ice
Metal products (fabrication and assembly)

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.
2. Factory Industrial Group F-1 and F-2.
3. Throughout all Type V construction which is:
 - a) Five thousand square feet or more in total area; or
 - b) Over two stories in height.
4. Throughout all Type I, II, III and IV construction which is:
 - a) Ten thousand square feet or more in total area; or
 - b) Over two stories in height.

5. Hazardous Group H.

Group H occupancies include, among others, the use of buildings or structures, or a portion thereof, that involves the manufacturing, processing, generation or storage of materials that constitute a physical or health hazard in quantities in excess of those found in the High-Hazard Section of the International Building Code, Tables 307.1(1) and 307.1(2) of the International Building Code.

(a) H-1 structures. Buildings and structures which contain materials that pose a detonation hazard shall be classified as Group H-1. Such materials shall include but not be limited to:

Explosives
Organic peroxides, unclassified detonable
Oxidizers, class 4
Unstable (reactive) materials, Class 3 detonable and Class 4 Detonable pyrophoric materials

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.

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2. Hazard Group H-1, H-2, H-3, H-4 and H-5.
 3. Throughout all Type V construction.
 4. Throughout all Type I, II, III and IV construction which is:
 - a) Ten thousand square feet or more in total area; or
 - b) Over two stories in height.
- (b) H-2 structures. Buildings and structures which contain materials that pose a deflagration hazard or a hazard from accelerated burning shall be classified as group H-2. Such materials shall include, but not be limited to:
- Class I, II or III-A flammable or combustible liquids that are used or stored in normally open containers or systems or in closed containers or systems pressurized at more than 15 pounds per square inch gauge (103 kPa).
 - Combustible dusts
 - Cryogenic liquids, flammable
 - Flammable gases
 - Organic peroxides, Class I
 - Oxidizers, Class 3, that are used or stored in normally open containers or systems, or in closed containers or systems pressurized at more than 15 pounds per square inch gauge (103 kPa)
 - Pyrophoric liquids, solids and gases, non-detonable
 - Unstable (reactive) materials, Class 3, non-detonable
 - Water-reactive materials, Class 3
1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.
 2. Hazard Group H-1, H-2, H-3, H-4 and H-5.
 3. Throughout all Type V construction.
 4. Throughout all Type I, II, III and IV construction which is:
 - a) Ten thousand square feet or more in total area; or
 - b) Over two stories in height.
- (c) H-3 structures. Buildings and structures which contain materials that readily support combustion or pose a physical hazard shall be classified as Group H-3. Such materials shall include but not be limited to:

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Class I, II or III-A flammable or combustible liquids that are used or stored in normally closed containers or systems pressurized at less than 15 pounds per square inch gauge (103 kPa)
Combustible fibers
Consumer fireworks, 1.4G (Class C, Common)
Cryogenic liquids, oxidizing
Flammable solids
Organic peroxides, Class II and Class III
Oxidizers, Class 1 and Class 2
Oxidizers, Class 3, that are used or stored in normally closed containers or systems pressurized at less than 15 pounds per square inch gauge (103 kPa)
Oxidizing gases
Unstable (reactive) materials, Class 2
Water-reactive materials, Class 2

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.
 2. Hazard Group H-1, H-2, H-3, H-4 and H-5.
 3. Throughout all Type V construction.
 4. Throughout all Type I, II, III and IV construction which is:
 - a) Ten thousand square feet or more in total area; or
 - b) Over two stories in height.
- (d) H-4 structures. Buildings and structures which contain materials that are health hazards shall be classified as Group H-4. Such materials shall include but not be limited to:

Corrosives
Highly toxic materials
Toxic materials

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.
2. Hazard Group H-1, H-2, H-3, H-4 and H-5.
3. Throughout all Type V construction.
4. Throughout all Type I, II, III and IV construction which is:
 - a) Ten thousand square feet or more in total area; or
 - b) Over two stories in height.

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(e) H-5 structures. Semiconductor fabrication facilities and comparable research and development areas in which hazardous production materials (HPM) are used and the aggregate quantity of materials is in excess of those listed in the High-Hazard Section of the International Building Code, Tables 307.1(1) and 307.1(2). Such facilities and areas shall be designed and constructed in accordance with the High-Hazard Section of the International Building Code, Section 415.8.

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.
2. Hazard Group H-1, H-2, H-3, H-4 and H-5.
3. Throughout all Type V construction.
4. Throughout all Type I, II, III and IV construction which is:
 - a) Ten thousand square feet or more in total area; or
 - b) Over two stories in height.

6. Institutional Group I.

Institutional Group I occupancy includes, among others, the use of a building or structure, or a portion thereof, in which people having physical limitations because of health or age are harbored for medical treatment or other care or treatment, or in which people are detained for penal or correctional purposes or in which the liberty of the occupants is restricted. Institutional occupancies shall be classified as I-1, I-2, I-3 or I-4.

(a) I-1. This occupancy shall include a building or part thereof housing more than 16 persons, on a twenty-four-hour basis, who, because of age, mental disability or other reasons, live in a supervised residential environment that provides personal care services. The occupants are capable of responding to an emergency situation without physical assistance from staff. This group shall include, but not be limited to, the following: residential board and care facilities, assisted-living facilities, halfway houses, group homes, congregate care facilities, social rehabilitation facilities, alcohol and drug centers and convalescent facilities. A facility such as the above with five or fewer persons shall be classified as Group R-3. A facility such as above housing at least six and not more than 16 persons shall be classified as Group R-4.

- 1) Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.
- 2) Institutional group I-1, I-3 and I-4.

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3) Throughout any building regardless of size.

(b) I-2. This occupancy shall include buildings and structures used for medical, surgical, psychiatric, nursing or custodial care on a twenty-four-hour basis of more than five persons who are not capable of self-preservation. This group shall include but not be limited to the following: hospitals, nursing homes (both intermediate care facilities and skilled nursing facilities), mental hospitals and detoxification facilities. A facility such as the above with five or fewer persons shall be classified as Group R-3.

Child-Care Facility. A child-care facility that provides care on a twenty-four-hour basis to more than five children 2 1/2 years of age or less shall be classified as Group I-2.

1) Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.

2) Institutional Group I-2.

3) Throughout all Type V construction which is:

- a) Five thousand square feet or more in total area; or
- b) Over two stories in height.

4) Throughout all Type I, II, III and IV construction which is:

- a) Ten thousand square feet or more in total area; or
- b) Over two stories in height.

(c) I-3. This occupancy shall include buildings and structures that are inhabited by more than five persons who are under restraint or security. An I-3 facility is occupied by persons who are generally incapable of self-preservation due to security measures not under the occupants' control. This group shall include, but not be limited to, the following: prisons, jails, reformatories, detention centers, correctional centers and prerelease centers. Buildings of the I-3 classification shall come under one of the five following conditions:

Condition 1. This occupancy condition shall include buildings in which free movement is allowed from sleeping areas, and other spaces where access or occupancy is permitted, to the exterior via means of egress without restraint. A Condition 1 facility is permitted to be constructed as Group R.

Condition 2. This occupancy condition shall include buildings in which free movement is allowed from sleeping areas and any other occupied smoke compartment to one or more other smoke compartments. Egress to the exterior is impeded by locked exits.

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Condition 3. This occupancy condition shall include buildings in which free movement is allowed within individual smoke compartments, such as within a residential unit comprised of individual sleeping rooms and group activity spaces, where egress is impeded by remote-controlled release of means of egress from such a smoke compartment to another compartment.

Condition 4. This occupancy condition shall include buildings in which free movement is restricted from an occupied space. Remote-controlled release is provided to permit movement from sleeping rooms, activity spaces and other occupied areas within the smoke compartment to other smoke compartments.

Condition 5. This occupancy condition shall include buildings in which free movement is restricted from an occupied space. Staff-controlled manual release is provided to permit movement from sleeping rooms, activity spaces and other occupied areas within the smoke compartment to other smoke compartments.

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.
2. Institutional Group I-1, I-3 and I-4.
3. Throughout any building regardless of size.

(d) I-4 day-care facilities. This group includes buildings and structures occupied by persons of any age who receive custodial care for less than 24 hours by individuals other than parents or guardians, relatives by blood, marriage, or adoption, and in a place other than the home of the person cared for. A facility such as the above with five or fewer persons shall be classified as a Group R-3. Places of worship during religious functions are not included.

Adult-care facility. A facility that provides accommodations for less than 24 hours for more than five unrelated adults and provides supervision and personal care services.

Child-care facility. A facility that provides supervision and personal care on less than a twenty-four-hour basis for more than five children 2 1/2 years of age or less shall be classified as Group I-4.

Exception: A child day-care facility that provides care for more than five but no more than 100 children 2 1/2 years or less of age, when the rooms where such children are cared for are located on the level of exit discharge and each of these child-care rooms has an exit door directly to the exterior shall be classified as Group E.

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.

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2. Institutional Group I-1, I-3 and I-4.
3. Throughout any building regardless of size.

7. Mercantile Group M.

Mercantile Group M occupancy includes, among others, buildings and structures, or a portion thereof, for the display and sale of merchandise, and involves stocks of goods, wares or merchandise incidental to such purposes and accessible to the public. Mercantile occupancies shall include but not be limited to the following:

- Department stores
- Drugstores
- Markets
- Motor vehicle service stations
- Retail or wholesale stores
- Sales rooms

The aggregate quantity of nonflammable solid and nonflammable or noncombustible liquid hazardous materials stored or displayed in a single control area of a Group M occupancy shall not exceed the quantities in the Hazardous Materials Section of the International Building Code Table 414.2.5(1).

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a central station 24 hours a day throughout the building and the alarm when activated sent to a central station.
2. Mercantile Group M.
3. Throughout all Type V construction which is:
 - a) Five thousand square feet or more in total area; or
 - b) Over two stories in height.
4. Throughout all Type I, II, III and IV construction which is:
 - a) Ten thousand square feet or more in total area; or
 - b) Over two stories in height.

8. Residential Group R.

Residential Group R occupancy includes, among others, the use of a building or structure, or a portion thereof, for sleeping accommodations when not classed as an Institutional Group I.

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Residential occupancies shall include the following: R-1. Residential occupancies where the occupants are primarily transient in nature (less than 30 days), including:

Boardinghouses (transient)
Hotels (including motels)

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.
2. Residential Group R-1, R-2, R-3 and R-4.
3. Throughout all Type V construction which is:
 - a) Six thousand square feet or more in total area; or
 - b) Over two stories in height.
4. Throughout all Type I, II, III and IV construction which is:
 - a) Ten thousand square feet or more in total area; or
 - b) Over two stories in height.

R-2. Residential occupancies containing more than two dwelling units where the occupants are primarily permanent in nature, including:

Apartment houses
Boardinghouses (not transient)
Convents
Dormitories
Fraternities and sororities
Monasteries

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.
2. Residential Group R-1, R-2, R-3 and R-4.
3. Throughout all Type V construction which is:
 - a) Six thousand square feet or more in total area; or
 - b) Over two stories in height.

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4. Throughout all Type I, II, III and IV construction which is:
 - a) Ten thousand square feet or more in total area; or
 - b) Over two stories in height.

R-3. Residential occupancies where the occupants are primarily permanent in nature and not classified as R-1, R-2 or I and where buildings do not contain more than two dwelling units, or adult and child care facilities that provide accommodations for five or fewer persons of any age for less than 24 hours.

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.
2. Residential Group R-1, R-2, R-3 and R-4.
3. Throughout all Type V construction which is:
 - a) Six thousand square feet or more in total area; or
 - b) Over two stories in height.
4. Throughout all Type I, II, III and IV construction which is:
 - a) Ten thousand square feet or more in total area; or
 - b) Over two stories in height.

R-4 residential occupancies shall include buildings arranged for occupancy as residential care/assisted-living facilities, including more than five but not more than 16 occupants, excluding staff.

Group R-4 occupancies shall meet the requirements for construction as defined for Group R-3 except for the height and area limitations provided in the General Building Height and Area Limitations Section of the International Building Code Table 503.

1. Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.
2. Residential Group R-1, R-2, R-3 and R-4.
- 3) Throughout all Type V construction which is:
 - a) Six thousand square feet or more in total area; or

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- b) Over two stories in height.
- 4) Throughout all Type I, II, III and IV construction which is:
 - a) Ten thousand square feet or more in total area; or
 - b) Over two stories in height.

9. Storage Group S.

Storage Group S occupancy includes, among others, the use of a building or structure, or a portion thereof, for storage that is not classified as a hazardous occupancy.

- (a) Moderate-hazard storage, Group S-1. Buildings occupied for the storage uses which are not classified as Group S-2, including but not limited to the following:

- Aerosols, Level 2 and Level 3
- Aircraft hangars
- Bags, cloth, burlap and paper
- Bamboos and rattan
- Baskets
- Belting, canvas and leather
- Book 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
- 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 the High-Hazard Section of the International Building Code Table 307.1(1) (see Repair Garages Section of the International Building Code Section 406.6).

Petroleum warehouses for storage of lubricating oils with a flashpoint of 200° F. (93° C.) or higher

- Photo engravings
- Resilient flooring
- Silks

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Soaps
Sugars
Tires, bulk storage of
Tobacco, cigars, cigarettes and snuff
Upholstery and mattresses
Wax candles

- 1) Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.
 - 2) Storage Group S-1 and S-2.
 - 3) Throughout all Type V construction which is:
 - a) Five thousand square feet or more in total area; or
 - b) Over two stories in height.
 - 4) Throughout all Type I, II, III and IV construction which is:
 - a) Ten thousand square feet or more in total area; or
 - b) Over two stories in height.
 - 5) Garages attached to above or below other occupancies, or used as a passenger terminal.
 - 6) In basement of principal and accessory buildings:
 - a) Basement having a total area of 2,500 square feet or more; and/or
 - b) All subbasement regardless of size.
- (b) Low-hazard storage, Group S-2. Includes, among others, buildings used for the storage of noncombustible materials such as products on wood pallets or in paper cartons, with or without single thickness divisions, or in paper wrappings. Such products may have negligible amount of plastic trim such as knobs, handles or film wrapping. Storage uses include, but are not limited to, storage of the following:

Asbestos
Beer or wine up to 12% alcohol in metal, glass or ceramic containers
Cement in bags
Chalk and crayons
Dairy products in non-waxed coated paper containers
Dry cell batteries
Electric coils
Electric motors
Empty cans

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Food products
Foods in noncombustible containers
Fresh fruit and vegetables in non-plastic trays or containers
Frozen foods
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 soap stones
Washers and dryers

1) Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.

2) Storage group S-1 and S-2.

3) Throughout all Type V construction which is:

- a) Five thousand square feet or more in total area; or
- b) Over two stories in height.

4) Throughout all Type I, II, III and IV construction which is:

- a) Ten thousand square feet or more in total area; or
- b) Over two stories in height.

5) Garages attached to above or below other occupancies, or used as a passenger terminal.

6) In basement of principal and accessory buildings:

- a) Basement having a total area of 2,500 square feet or more; and/or
- b) All subbasement regardless of size.

FIRE PREVENTION

10. Utility and Miscellaneous Group U.

Buildings and structures of an accessory character and miscellaneous structures not classified in any specific occupancy shall be constructed, equipped and maintained to conform to the requirements of this code commensurate with the fire and life hazard incidental to their occupancy. Group U shall include, but not be limited to, the following:

- Agricultural buildings
- Aircraft hangars, accessory to a one- or two-family residence (see Residential Aircraft Hangars Section of the International Building Code Section 412.5)
- Barns
- Carports
- Fences more than six feet (1,829 mm) high
- Grain silos, accessory to a residential occupancy
- Greenhouses
- Livestock shelters
- Private garages
- Retaining walls
- Sheds
- Stables
- Tanks
- Towers

1) Sprinkler water flow, other suppression devices, smoke and heat detection equipment and manual pull stations shall be monitored by a listed central station for fire 24 hours a day throughout the building and the alarm when activated sent to a listed central station for fire.

2) Throughout all Type V construction which is:

- a) Five thousand square feet or more in total area; or
- b) Over two stories in height.

3) Throughout all Type I, II, III and IV construction which is:

- a) Ten thousand square feet or more in total area; or
- b) Over two stories in height.