

Occupancy		Fire Alarm Requirements	Fire Sprinkler Requirements
A-1	Theaters, Concert halls	Automatic ≥ 300 persons Voice evac ≥ 1000 persons (Pull stations not required if sprinklered)	Fire area > 12,000 SF Occupant load > 300 Fire area on floor other than exit discharge Fire area contains multitheater complex
A-2	Banquet halls, Night clubs, Restaurants, Taverns and bars		Fire area > 5,000 SF Occupant load > 100 Fire area on floor other than exit discharge
A-3	Community halls, Dance halls, Museums, Funeral parlors		Fire area > 12,000 SF Occupant load > 300 Fire area on floor other than exit discharge
A-4	Arenas, Skating rinks, Swimming pools		Fire area > 12,000 SF Occupant load > 300 Fire area on floor other than exit discharge
A-5	Bleachers, Grandstands, Stadiums		Concession stands, retail areas, press boxes and other accessory uses >1,000 SF
B	Banks, Clinics-outpatient, Educational above 12th grade, Post offices, Professional Services	Manual ≥ 500 persons Manual ≥ 100 above or below level of exit (Pull stations not required if sprinklered) Fire Area contains an Ambulatory Care Facility	
E	6 ≤ persons through 12th grade, day care > 5 persons but over 2 1/2 years old	Manual ≥ 50 persons Voice evac required (Pull stations not required if sprinklered or where detection provided)	Fire area > 12,000 SF All portions below the level of exit discharge
F-1	Moderate Hazard - Aircraft, Bakeries, Electronics, Engines, Laundries	Manual ≥ 2 stories height and ≥ 500 persons above or below level of exit (Pull stations not required if sprinklered)	Fire area > 12,000 SF Fire area located ≥ 3 stories above grade Combined fire area > 24,000 SF
F-2	Low Hazard - Brick, Foundries, Gypsum, Ice, Metal fab/assembly		
H-1	High Hazard - Explosives, Oxidizers, Unstable	Manual for organic coatings Smoke detection required for highly toxic gases, organic peroxides and oxidizers	All
H-2	High Hazard - Combustible dusts, Flammable gases		
H-3	High Hazard - Flammable liquids <15 psi, Flammable solids		
H-4	High Hazard - Corrosives, Toxic		
H-5	Semiconductor facilities		

***** Not all exceptions are listed above

Occupancy		Fire Alarm Requirements	Fire Sprinkler Requirements
I-1	Assisted living facilities, Group homes, Alcohol and drug centers	Automatic and Manual Pull stations not required at exits if located at all care provider stations Sleeping areas to have single or multiple station detection	All
I-2	Hospitals, Nursing homes, Child care 24hr >5 persons	I-1: Smoke detectors in corridors, waiting areas and habitable spaces Smoke detectors in corridors in some I-2 occupancies Occupant notification not required in private mode systems (if approved by Fire Code Official)	
I-3	Prisons, Correctional centers		
I-4	Day care facility any age <24 hr care with >5 persons	Manual	
M	Department stores, Markets, Retail sales	Manual ≥ 500 persons Manual ≥ 100 above or below level of exit (Pull stations not required if sprinklered)	Fire area > 12,000 SF High-Piled Combustible Storage Fire area located ≥ 3 stories above grade Combined fire area > 24,000 SF Display and sale of upholstered furniture
R-1	Hotels, Motels, Boarding houses (transient)	Manual and automatic if interior corridors serve sleeping units Sleeping areas to have single or multiple station detection	All
R-2	Apartment houses, Dormitories, Hotels (nontransient)	Manual if unit ≥ 3 stories above level of exit Manual if unit > 1 story below exit or Manual if > 16 total units Sleeping areas to have single or multiple station detection	All
R-3	Single family, Adult/Child care ≤5 persons for <24 hr	Single or multiple station detection	All
R-4	Residential care for > 5 ≤ 16 persons	Manual (Exception: > 2 stories in height with one-hour separation)	All
S-1	Moderate Hazard - Books, Furniture, Lumber		Fire area > 12,000 SF Fire area located ≥ 3 stories above grade Combined fire area > 24,000 SF
	Repair garages		Fire area > 12,000 SF ≥ 2 stories with >10,000 SF Servicing vehicles parked in basement
	Bulk tire storage		> 20,000 SF
S-2	Low hazard - Foods, Metals, Parking garages		Fire area of enclosed garages >12,000SF Enclosed garages beneath other use groups Commercial garage > 5,000 SF
U	Barns, Livestock shelters, Sheds		
Misc	All Except R3 and U	Voice for covered malls > 50,000 SF Atrium > 2 stories Lowest level > 60 feet below grade Sprinkler monitoring for ≥20 sprinklers	Windowless stories > 1,500 SF
Misc	High Rise	Voice	All

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