

OCCUPANT NEEDS (Chapters 10, 11, 12)

MEANS OF EGRESS (Chapter 10)

OCCUPANT LOAD (1004.1.2 and Table 1004.1.2)

Floor Area + person = load
Floor Sq.ft./ Oct. = load

Other occup. loads

Other egress components

Stairways

Location

Stairways

Other egress components

Location

Stairways

Other egress components

Location

Stairways

Other egress components

Location

Stairways

Other egress components

Location

Stairways

Other egress components

Location

Stairways

Other egress components

SHEAR ONLY

FIRE PROTECTION (Chapters 6, 7, 8, 9)

FIRE-RESISTANCE-RATED CONSTRUCTION (Tables 601 & 602 and Chapter 7)

BUILDING ELEMENTS (Table 601)

Structural frame (714)

Interior bearing walls

Interior nonbearing walls

Floor construction (711)

Roof construction (711)

EXTERIOR WALLS (507, Table 602, 704, 706, 6)

Fire separation distance

Bearing

Nonbearing

HIGH-RISE BUILDINGS (403)

Automatic sprinkler system (403.2)

Fire-resistance rating reduction (403.3)

Automatic fire detection (403.5)

Emergency voice/alarm systems (403.6)

Fire department communication (403.7)

Fire command center (403.8)

Elevators (403.9)

Standby power (403.10)

Emergency power (403.11)

Stairway doors (403.12)

Smokeproof exit (403.13)

Atrium use (404.2)

Automatic sprinkler system (404.3)

Smoke control (404.4)

Enclosure (404.5)

Standby power (404.6)

Interior finish (404.7)

Travel distance (404.8)

Alternative methods (703.3, 718, 720, 721)

Ratings / Combustibility (703.2, 703.4)

FIRE-RESISTANCE RATINGS AND FIRE TESTS (703)

Construction classification (602)

COMBUSTIBILITY (602.2, 602.3, 602.4, 602.5, 603)

Exterior walls

Interior elements

Roof

Note: Entry in indicates required rating in hours. NC indicates noncombustible construction required.

N/A

N/A

0

0

0

5B

5B

5B

5B

5B

5B

5B

5B

5B

5B

5B

5B

5B

5B

5B

5B

5B

5B

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5B

5B

5B

EXTERIOR WALLS (continued)

<input type="checkbox"/>	Opening protection (704.8, 704.12, 704.14)	N/A
<input type="checkbox"/>	Vertical fire spread protection (704.9, 704.10)	N/A
<input type="checkbox"/>	Parapets (704.11)	N/A
<input type="checkbox"/>	Shaft enclosures (706.3.1)	NONE
<input type="checkbox"/>	Exit enclosures (706.3.2, 706.3.3)	NONE
<input checked="" type="checkbox"/>	Horizontal exits (706.3.4)	NONE
<input type="checkbox"/>	Incidental use areas (706.3.5)	SEE ONLY
<input type="checkbox"/>	Mixed occupancy and fire area separations (706.3.6, 706.3.7)	SEE ONLY
<input type="checkbox"/>	SHAFTS (707)	NONE
<input type="checkbox"/>	Exceptions (707.2)	NONE
<input type="checkbox"/>	Construction (707.3 - 707.14)	N/A

OTHER FIRE RESISTANT CONSTRUCTION

<input type="checkbox"/>	Fire walls (705)	SEE ONLY
<input type="checkbox"/>	Fire partitions (708)	SEE ONLY
<input type="checkbox"/>	Smoke barriers (709)	SEE ONLY
<input type="checkbox"/>	Smoke partitions (710)	SEE ONLY
<input type="checkbox"/>	Penetrations (712)	SEE ONLY
<input type="checkbox"/>	Fire resistant joint systems (713)	SEE ONLY
<input type="checkbox"/>	Opening protectives (715)	SEE ONLY
<input type="checkbox"/>	Dampers (716)	SEE ONLY
<input type="checkbox"/>	Concealed spaces (717)	SEE ONLY
<input type="checkbox"/>	Thermal and sound-insulating materials (719)	SEE ONLY

SEPARATE PLANS REQUIRED

Additional required systems (Table 903.2.13)
 International Fire Code (IFC 903.2.13)
 AUTOMATIC SPRINKLER SYSTEMS* (903 Design)
 Shop drawings (106.1.1.1) *PER FIRE DEPT*
 NFPA 13 system (903.3.1.1) *ready*
 NFPA 13R system (903.3.1.2) *ready*
 NFPA 13D system (903.3.1.3)

Quick-response and residential heads (903.3.2)
 Actuation (903.3.4)
 Water supply (903.3.5)
 Hose connections (903.3.6, 903.3.7)
 Sprinkler monitoring and alarms (903.4, 907.13)
 * Also see Fire Code Sprinkler Plan Review Record

AUTOMATIC SPRINKLER SYSTEMS (903 (Where required))

<input type="checkbox"/>	Assembly (A-1, A-2, A-3, A-4, A-5) (903.2.1)
<input type="checkbox"/>	Educational (E) (903.2.2)
<input type="checkbox"/>	Factory/Industrial (F-1) (903.2.3)
<input type="checkbox"/>	High-hazard (H-1, H-2, H-3, H-4, H-5) (903.2.4)
<input type="checkbox"/>	Institutional (I-1, I-2, I-3, I-4) (407.5, 903.2.5)
<input type="checkbox"/>	Mercantile (M) (903.2.6)
<input type="checkbox"/>	Residential (R) (903.2.7)
<input type="checkbox"/>	Storage/Repair garage (S-1) (903.2.8)
<input type="checkbox"/>	Parking garages (903.2.9)
<input type="checkbox"/>	Windowless story (903.2.10.1)
<input type="checkbox"/>	Rubbish and linen chutes (903.2.10.2)
<input type="checkbox"/>	Buildings over 55 ft. high (903.2.10.3)
<input type="checkbox"/>	Incidental use areas (302.1.1)

INTERIOR FINISHES (Chapter 8)
 FIRE PROTECTION (Chapter 9)

ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS (904)

<input type="checkbox"/>	Installation (904.3)
<input type="checkbox"/>	Wet-chemical systems (904.5)
<input type="checkbox"/>	Dry-chemical systems (904.6)
<input type="checkbox"/>	Foam systems (904.7)
<input type="checkbox"/>	Carbon dioxide systems (904.8)
<input type="checkbox"/>	Halon systems (904.9)
<input type="checkbox"/>	Clean-agent systems (904.10)
<input type="checkbox"/>	Commercial cooking systems (904.11)
<input type="checkbox"/>	Commercial cooking systems (904.11)

STANDPIPE SYSTEMS (905)

<input type="checkbox"/>	Installation standards (905.2)
<input type="checkbox"/>	Building height (905.3.1)
<input type="checkbox"/>	Group A (905.3.2)
<input type="checkbox"/>	Covered malls (905.3.3)
<input type="checkbox"/>	Stages (905.3.4)
<input type="checkbox"/>	Underground buildings (905.3.5)
<input type="checkbox"/>	Heliports/heliports (905.3.6)
<input type="checkbox"/>	Hose connections and locations (905.1, 905.4, 905.5, 905.6)
<input type="checkbox"/>	Cabinets (905.7)
<input type="checkbox"/>	Dry standpipes (905.8)
<input type="checkbox"/>	Valve supervision (905.9)

FIRE ALARM AND DETECTION SYSTEMS (907 (Where required))

<input type="checkbox"/>	Construction documents (907.1.1)
<input type="checkbox"/>	Assembly (A-1, A-2, A-3, A-4, A-5) (907.2.1)
<input type="checkbox"/>	Business (B) (907.2.2)
<input type="checkbox"/>	Educational (E) (907.2.3)
<input type="checkbox"/>	Factory (F-1, F-2) (907.2.4)
<input type="checkbox"/>	High-hazard (H-1, H-2, H-3, H-4, H-5) (907.2.5)
<input type="checkbox"/>	Institutional (I-1, I-2, I-3, I-4) (907.2.6)
<input type="checkbox"/>	Mercantile (M) (907.2.7)
<input type="checkbox"/>	Residential (R-1, R-2) (907.2.8, 907.2.9)

SEE ONLY

SINGLE/MULTIPLE STATION SMOKE ALARMS (907.2.10)

<input type="checkbox"/>	High rise buildings (907.2.12)
<input type="checkbox"/>	Attiums (907.2.13)
<input type="checkbox"/>	Other buildings/areas (907.2.11, 907.2.14 - 907.2.23)
<input type="checkbox"/>	FIRE ALARM AND DETECTION SYSTEMS (907 Design)
<input type="checkbox"/>	Residential smoke alarm power source (907.2.10.2)
<input type="checkbox"/>	Residential smoke alarm interconnection (907.2.10.3)
<input type="checkbox"/>	Location/Power supply/Wiring (907.3 - 907.5)
<input type="checkbox"/>	Activation/Resignal/Zones (907.6 - 907.8)
<input type="checkbox"/>	Alarm notification appliances (907.9)
<input type="checkbox"/>	Detectors (907.10 - 907.12)
<input type="checkbox"/>	Monitoring (907.14)
<input type="checkbox"/>	EMERGENCY ALARM SYSTEMS (908)
<input type="checkbox"/>	Detection system applicable (908.1 - 908.6)
<input type="checkbox"/>	SMOKE CONTROL SYSTEMS (909)
<input type="checkbox"/>	Where required (402.9, 404.4, 405.5, 408.8, 410.3.7.2, 1019.1.8, 1024.6.2.1)
<input type="checkbox"/>	Design requirements (909.1 - 909.4)
<input type="checkbox"/>	Smoke barriers (909.5)
<input type="checkbox"/>	Pressurization method (909.6)
<input type="checkbox"/>	Airflow method (909.7)
<input type="checkbox"/>	Exhaust method (909.8)
<input type="checkbox"/>	Equipment/Power (909.10, 909.11)
<input type="checkbox"/>	Detection and control (909.12 - 909.18)
<input type="checkbox"/>	Smokeproof enclosures (909.20)
<input type="checkbox"/>	Underground buildings (909.21)
<input type="checkbox"/>	SMOKE AND HEAT VENTS (910)
<input type="checkbox"/>	Requirements (910.1 - 910.3)
<input type="checkbox"/>	Mechanical alternative (910.4)
<input type="checkbox"/>	FIRE COMMAND CENTER (911)
<input type="checkbox"/>	Features (911.1)