

# INDEX

## A

### ABANDONED PREMISES (see VACANT PREMISES)

### ABANDONMENT

- Abandoned premises . . . . . 311.1.1
- Abatement of buildings . . . . . 110.4
- Flammable and combustible liquid tanks . . . . . 3404.2.13

### ACCEPTANCE TESTING

- Fire protection system installations . . . . . 901.5, 904.4, 907.8
- Fire pumps . . . . . 913.5.1
- Flammable and combustible liquid tanks . . . . . 3404.2.12.1
- Single and multiple-station smoke alarms . . . . . 907.8.1
- Smoke control systems . . . . . 909.18

### ACCESS, FIRE DEPARTMENT

- Aviation facilities . . . . . 1103.4
- Construction and demolition sites . . . . . 1410.1
- Doors for . . . . . 504.2, 2305.4, 2306.6.1
- Equipment, to . . . . . 509, 606.5
- Fire department connection . . . . . 912.3
- High-piled storage buildings . . . . . 2306.6
- Stairways to roof . . . . . 504.3
- Tire storage . . . . . 2506

### ACCESS ROADS, FIRE APPARATUS . . . . . 503

- Aviation facilities . . . . . 1103.4
- Bridges . . . . . 503.2.6
- Building openings and roofs . . . . . 504
- Defined . . . . . 502.1
- High-piled storage . . . . . 2306.6
- Lumber yards . . . . . 1903.6, 1909.3
- Obstructions . . . . . 503.4
- Tents and membrane structures . . . . . 2403.8.1

### ACCESSIBLE MEANS OF EGRESS . . . . . 1007

- Defined . . . . . 1002.1
- Standby power . . . . . 604.2.5, 604.2.6

### ACCESSIBLE ROUTE

- Defined . . . . . 202

### ACETYLENE (see WELDING AND OTHER HOT WORK)

- . . . . . see NFPA 51
- Cylinder charging plants . . . . . see NFPA 51A
- Fuel gas manifold . . . . . 2609
- Gas . . . . . 2605.4
- Generators . . . . . Table 911.1, 2605.5, 2608

### ADDRESS NUMBER

(see PREMISES IDENTIFICATION)

## ADMINISTRATION

- Administrative, operational and maintenance provisions . . . . . OA 102.2
- Alternate methods and materials . . . . . 104.9, 501.4
- Appeals . . . . . OA 108.1.1
- Appendices adopted . . . . . OA 101.2.1
- Applicability . . . . . 102
- Approval . . . . . 104.6.1, 401.2, 408.11.1.1, 603.1.2, 2207.2, 2208.2, 2401.2, 3406.4.7.1
- Approved materials and equipment . . . . . 104.7

- Compliance with orders . . . . . OA 109.2.2
- Emergencies . . . . . 104.11
- Fire investigation . . . . . OA 104.10.1
- General . . . . . 101
- General authority . . . . . OA 104.1
- Inspections . . . . . 104.6.2, 106
- Inspection authority . . . . . OA 106.1.1
- Intent . . . . . OA 101.3
- Interference . . . . . OA 106.1.2
- Liability . . . . . OA 103.4
- Maintenance . . . . . 107
- Modifications . . . . . OA 104.8
- Notice of violation . . . . . OA 109.2
- Order . . . . . OA 111.1.1
- Permits . . . . . OA 104.2, 105
- Records and reports . . . . . OA 104.6, 104.6.3.1
- Right of entry . . . . . OA 104.3.1
- Scope . . . . . OA 101.2
- Subjects not regulated . . . . . OA 102.8
- Unsafe building . . . . . 110
- Unsafe conditions . . . . . OA 110.1.1
- Violations . . . . . 109
- Violation penalties . . . . . OA 109.3.1
- Warrant . . . . . OA 104.3.2

### ADULT FOSTER HOMES . . . . . OA Appendix L

### AEROSOL CONTAINER

- Defined . . . . . 2802.1

### AEROSOL WAREHOUSE

- Defined . . . . . 2802.1

### AEROSOLS . . . . . Chapter 28 (see also NFPA 30B)

- Classification levels . . . . . 2803.1
- Classification of products . . . . . Table 2803.1
- Defined . . . . . 2802.1
- Fire alarm . . . . . 907.2.16

Inside storage . . . . .	2804	Tents . . . . .	2403.12.5
Manufacturing facilities . . . . .	2807	Termination . . . . .	1025.9.5
Nonsegregated storage . . . . .	2804.3.1, Table 2804.3.1	Travel distance . . . . .	1025.7
Outside storage . . . . .	2805	Walking surface . . . . .	1025.1
Permit required . . . . .	105.6.1	Width . . . . .	Table 1028.6.2, 1028.6.3, 1028.9.1, 1028.9.2, 1028.10, 2306.9, 3604.1.2, 4604.20
Retail display . . . . .	2806	<b>ALARM</b> . . . . .	903.4.2, 1505.9.3, 1803.13.2.1, 3704.2.2.10.1
Segregated storage . . . . .	2804.3.2, Table 2804.3.2	Activations . . . . .	401.3.2
<b>AGENT</b>		Audible . . . . .	907.6.2.1, Table 907.10.1.3
Defined . . . . .	202	Coded signals . . . . .	408.6.2
<b>AGRICULTURAL BUILDING (Occupancy Group U)</b>		Signals . . . . .	903.4.1, 1803.12.3
Defined . . . . .	202	Testing . . . . .	904.4.2, 901.5, 901.6
Occupant Load . . . . .	Table 1004.1.1	Visible . . . . .	907.6.2.3
<b>AGRICULTURAL PRODUCTS</b> . . . . .	2903.4, 3701.1	Warning signs . . . . .	904.3.4
Dust explosion . . . . .	NFPA 61	<b>ALARM NOTIFICATION APPLIANCE</b> . . . . .	907.6.2
<b>AIR-INFLATED STRUCTURES (see TENTS AND OTHER MEMBRANE STRUCTURES)</b>		Defined . . . . .	902.1
<b>AIR-SUPPORTED STRUCTURES (see TENTS AND OTHER MEMBRANE STRUCTURES)</b>		<b>ALARM, NUISANCE</b>	
Defined . . . . .	NFPA 102	Defined . . . . .	902.1
<b>AIRCRAFT</b>		<b>ALARM SIGNAL</b>	
Defueling . . . . .	1106.5, 1106.18	Defined . . . . .	902.1
Engine test facilities . . . . .	NFPA 423	<b>ALARM, SMOKE</b>	
Fueling . . . . .	1106, see NFPA 407	Alarm system, when required . . . . .	(see Fire Alarm)
Fueling vehicles . . . . .	OA 1106.8, Appendix M	Defined . . . . .	902.1
Maintenance . . . . .	1104, see NFPA 410	<b>ALARM VERIFICATION FEATURE</b>	
Residential hangars . . . . .	907.2.21, see NFPA 409	Defined . . . . .	902.1
<b>AIRCRAFT MOTOR VEHICLE FUEL DISPENSING FACILITY</b>		<b>ALCOHOL-BASED HAND RUB</b> . . . . .	2701.1, 3405.5
Defined . . . . .	2202.1	Defined . . . . .	3402.1
<b>AIRCRAFT OPERATING AREA (AOA)</b>		<b>ALCOHOL BLENDED FUELS</b>	
Defined . . . . .	1102.1	Defined . . . . .	2202.1
<b>AIRCRAFT-RELATED OCCUPANCIES, FIRE PROTECTION FOR</b> . . . . .	914.8	Dispensing . . . . .	2206.8
<b>AIRPORT</b>		<b>ALTERATION</b>	
Defined . . . . .	1102.1	Defined . . . . .	202
Tank vehicles . . . . .	OA Appendix M	<b>ALTERNATING TREAD DEVICE</b> . . . . .	1009.10
Terminal buildings . . . . .	see NFPA 415	Defined . . . . .	1002.1
<b>AIRPORT TRAFFIC CONTROL TOWERS</b> . . . . .	604.2.18, 907.2.13, 907.2.22, 914.8.1	<b>ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS</b> . . . . .	904
<b>AISLE ACCESSWAY</b> . . . . .	1017.3, 1017.4.1	<b>ALTERNATIVE MATERIALS AND METHODS</b> . . . . .	104.9
Defined . . . . .	1002.1	<b>AMBULATORY HEALTHCARE FACILITY (Occupancy Group B)</b>	
<b>AISLE(S)</b> . . . . .	308.1.7.1, 1017	Defined . . . . .	202
Assembly . . . . .	1028	<b>AMMONIA</b>	
Cross . . . . .	1028.14.1	Diffusion systems . . . . .	606.12.6
Defined . . . . .	1002.1	Refrigerant . . . . .	606.12.3
Fixed seating . . . . .	1004.7	<b>AMMONIUM NITRATE</b> . . . . .	3301.1.5, NFPA 490
Hazardous materials . . . . .	2703.11.3.9	Defined . . . . .	3302.1
High-piled combustible storage . . . . .	2305.4, 2306.9	<b>AMMUNITION, SMALL ARMS</b> . . . . .	3306
Obstruction of . . . . .	1030.3, 1030.5	Defined . . . . .	3302.1
Tables and seating . . . . .	1014.4.3	Storage and handling . . . . .	105.6.14, 3301.2.1, 3304
		<b>AMUSEMENT BUILDINGS (see SPECIAL AMUSEMENT BUILDING)</b> . . . . .	907.2.12

**AMUSEMENT PARK BUILDINGS**

(Assembly, Group A-5) . . . . . 202

**ANESTHETICS** . . . . . 3006, see also NFPA 55, 99

**ANNUNCIATOR**

Defined . . . . . 902.1

**APPEALS** . . . . . OA 108.1.1

**APPENDICES, ADOPTED** . . . . . OA 101.2.1

**APPLIANCES** . . . . . 605.7

Chimneys . . . . . 603.6

Commercial kitchen hoods . . . . . 609

Cooking . . . . . 3405.3.3

Fuel-fired . . . . . 603

Heat producing . . . . . 2201.6

Heating . . . . . 603.5, 605.10, 3405.3.3

Lighting . . . . . 3405.3.3

Unsafe . . . . . 603.7

**APPLICABILITY (of the code)** . . . . . 102

**APPROVED**

Defined . . . . . 202

**ARC WELDING**

(see **WELDING AND OTHER HOT WORK**)

**AREA, BUILDING**

Defined . . . . . 202

**AREA OF REFUGE** . . . . . 1007.6, 1025.4

Defined . . . . . 1002.1

**ARRAY**

Defined . . . . . 2302.1

**ARRAY, CLOSED**

Defined . . . . . 2302.1

**ASH TRAY** . . . . . 310.6

**ASHES, HOT** . . . . . 305.2

**ASPHALT (TAR) KETTLES** . . . . . 303, 1417.2

**ASSEMBLY OCCUPANCIES (GROUP A)**

Aisles . . . . . 1028

Announcements . . . . . 408.2.2

Automatic sprinklers . . . . . 903.2

Candles . . . . . 308

Cellulose nitrate film . . . . . 105.6.5, 306

Combustibles . . . . . 314.3

Decorative materials . . . . . 806, 807

Defined (Occupancy classification) . . . . . 202

Doors . . . . . 1008

Egress . . . . . Chapter 10

Emergency evacuation drill . . . . . 405

Emergency power . . . . . 604.2.1

Employee training . . . . . 406

Evacuation plans . . . . . 404

Fire alarm systems . . . . . 907.2.1

Fire safety plans . . . . . 404

Furnishings . . . . . 807.4.2

Interior finish . . . . . 803

LP gas installations . . . . . Chapter 38

Motion picture projection rooms . . . . . 306.1

Obstruction of exits . . . . . 1030.3

Open-flame devices . . . . . 308.3

Panic hardware . . . . . 1008.1.10

Permits required . . . . . 105.6.34, 105.6.35

Portable fire extinguishers . . . . . 906

Posting maximum occupant load . . . . . 1004.3

Prohibit smoking . . . . . 310

Pyroxylin-coated fabric . . . . . 805.4

Pyroxylin plastic motion picture film storage . . . . . 306.1

Seating . . . . . 1028

Seating plan . . . . . 408.2.1

Standpipe systems . . . . . 905

Storage, flammable liquids . . . . . 3404.3.4.2

Tents . . . . . Chapter 24

Vehicles in . . . . . 314.4, 2404.18.4

**ATRIUM**

Defined . . . . . 202

**ATRIUM FIRE PROTECTION** . . . . . 907.2.14, 914.4

**ATTIC**

Defined . . . . . 202

**ATTIC STORAGE** . . . . . 315.2.4

Draftstops . . . . . IBC 717.4

**AUDIBLE ALARM NOTIFICATION APPLIANCE**

Defined . . . . . 902.1

**AUTOMATIC RACK STORAGE**

Defined . . . . . 2302.1

Emergency shutdown . . . . . 2309.4

**AUTOMATIC**

Defined . . . . . 902.1

**AUTOMATIC FIRE-EXTINGUISHING SYSTEM**

(see **FIRE-EXTINGUISHING SYSTEMS, ALTERNATIVE) AUTOMATIC SMOKE DETECTION SYSTEM**)

Defined . . . . . 902.1

**AUTOMATIC SPRINKLER SYSTEM** . . . . . NFPA 13,

Table 903.2.11.6, 1208.2,

1414, 1803.10, 1904.3,

2306.4, 2309.2, 4004.1.4

Aerosol warehouse . . . . . 2804.4.1

Alarms . . . . . 903.4.2, 1803.10.5

Basements . . . . . 903.2.10.1.3

Commercial cooking . . . . . 903.2, 904.11.4

Defined . . . . . 902.1

Dip-tank operations . . . . . 1505.4

Dryers . . . . . 1905.2

Ducts . . . . . 903.2.11.4

During construction/demolition . . . . . 903.2.12

Exempt locations . . . . . 903.3.1.1.1

Gas rooms . . . . . 2703.8.4.1



**BLASTER**  
 Defined. . . . . 3302.1

**BLASTING AGENT**  
 (see also **EXPLOSIVES AND FIREWORKS**)  
 Defined. . . . . 3302.1

**BLEACHERS** . . . . . 1017.1, 1028.1.1  
 Defined. . . . . 1002.1

**BOARDING HOUSE (Occupancy Group R)**  
 Defined . . . . . 202

**BOILER ROOM** . . . . . see also NFPA 85, 86  
 Exits . . . . . 1015.3  
 Maintenance . . . . . 305.1, 703.1  
 Storage . . . . . 315.2.3

**BOILING POINT**  
 Defined. . . . . 2702.1

**BOLLARDS (see GUARD POSTS)** . . . . . 312.2

**BOND**  
 For explosives . . . . . 3301.2.4.1  
 For fireworks display . . . . . 3301.2.4.2

**BONDING AND GROUNDING** . . . . 1204.2.4, 1206.3.4  
 Aircraft fueling . . . . . 1106.3.7.1, 1106.5.2  
 CNG motor fuel-dispensing facilities. . . 2208.8.1.2.4  
 Cryogenic fluids . . . . . 3203.7.2  
 Organic coating . . . . . 2004.3  
 Piping, valves and fittings . . . . . 3406.4.7.6  
 Powdered coating . . . . . 1506.6.4  
 Roll-coating operations . . . . . 1505.11  
 Underground tanks . . . . . 3406.6.1.8  
 Vessels . . . . . 3405.3.2

**BONFIRES** . . . . . 307.4.1  
 Defined. . . . . 302.1  
 Permit. . . . . 105.6.30, 307.2

**BREATHING APPARATUS** . . . . . 1703.3.2

**BRIDGES (see ACCESS ROADS, FIRE APPARATUS)** . . . . . 503.2.6

**BRITISH THERMAL UNIT (BTU)**  
 Defined . . . . . 202

**BUILDING**  
 Defined . . . . . 202  
 Unsafe. . . . . 110  
 Vacant (see **VACANT PREMISES**)

**BUILDING OFFICIAL** . . . . . 510.1  
 Defined . . . . . 202

**BUILDING SERVICES AND SYSTEMS** . . . . Chapter 6

**BULK HYDROGEN COMPRESSED GAS SYSTEM**  
 Defined. . . . . 3502.1

**BULK LIQUIFIED HYDROGEN GAS SYSTEM**  
 Defined. . . . . 3502.1

**BULK OXYGEN SYSTEM** . . . . . Chapter 40, NFPA 50  
 Defined. . . . . 4002.1

**BULK PLANT OR TERMINAL** . . . . . 3406.4

Defined. . . . . 3402.1

**BULK TRANSFER** . . . . . 3406.5  
 Defined. . . . . 3402.1

**BULLET RESISTANT**  
 Defined. . . . . 3302.1

**BURNING (see OPEN BURNING)** . . . . . 307  
 Objects . . . . . 310.7

**BUTANE (see LIQUEFIED PETROLEUM GAS)**

**BUTYLENE (see LIQUEFIED PETROLEUM GAS)**

**C**

**CABINETS** . . . . . 905.7, 906.8, 1105.7.1, 3705.3.1

**CABINETS, GAS** . . . . . 1803.3.5, 1803.10.2, 1803.13.1.3, 2703.8.6, 3006.2.3, 3704.1.2, 4106.2.2, 4106.4.1

**CANDLES** . . . . . 105.6.32, 308, 806.3

**CANOPY**  
 Defined . . . . . 202

**CARBON DIOXIDE EXTINGUISHING SYSTEM** . . . . . NFPA 12  
 Commercial cooking systems . . . . . 904.11  
 Defined. . . . . 902.1

**CARBON MONOXIDE HOUSEHOLD WARNING** . . . . . NFPA 720

**CARNIVALS** . . . . . 105.6.4, 2403.3

**CARPETS**  
 Interior floor finish requirements . . . . . IBC 804  
 On ceilings . . . . . 803  
 On walls . . . . . 803

**CARS (see AUTOMOBILE)**

**CARTON**  
 Combustible . . . . . 2806.5  
 Defined . . . . . 202

**CEILING**  
 Coverings . . . . . 803  
 Decorations . . . . . 703.3, 807

**CEILING LIMIT**  
 Defined. . . . . 2702.1

**CELLULOSE NITRATE MOTION PICTURE FILM** . . . . . 306  
 Permits . . . . . 105.6.5

**CELLULOSE NITRATE PLASTICS [see PYROXYLIN (CELLULOSE NITRATE) PLASTICS]** . . . . . Chapter 42

**CHANGE OF OCCUPANCY** . . . . . 102.3  
 Defined . . . . . 202

**CHANGE OF USE** . . . . . 102.3

**CHARCOAL BURNERS** . . . . . 308.1.4

**CHEMICAL**  
 Defined. . . . . 2702.1  
 Labs . . . . . see NFPA 45



Processing area electrical hazard classification . . . . .	NFPA 497 and 499
<b>CHEMICAL NAME</b>	
Defined. . . . .	2702.1
<b>CHILD CARE FACILITIES (Group I-2)</b>	
Defined . . . . .	202
<b>CHIMNEY</b> . . . . .	603.2, 603.6, NFPA 21
Defined . . . . .	202
Factory-built . . . . .	603.6.4
Masonry . . . . .	603.6.1
Metal . . . . .	603.6.2
<b>CHRISTMAS TREE (see DECORATIVE VEGETATION)</b> . . . . .	806
Restricted occupancies. . . . .	806.1.1
<b>CHUTES, RUBBISH AND LINEN</b> . . . . .	903.2.10.2
<b>CLASSIFICATION</b>	
Commodity . . . . .	2303
Dry cleaning plants and systems. . . . .	1203.2
Dry cleaning solvent or liquid . . . . .	1202.1, 1203.1
Flammable and combustible liquids. . . . .	3402.1
Hazardous materials . . . . .	2701.2
Occupancy . . . . .	202
Refrigerant . . . . .	606.3
<b>CLEAN AGENT</b>	
Fire extinguishing systems . . . . .	904.10, NFPA 2001
Defined. . . . .	902.1
<b>CLEANING</b>	
Flammable liquids . . . . .	1104.3
Grease . . . . .	609.3.3
Powder coating . . . . .	1506.5.1
Repair garages . . . . .	2211.2.1
Tanks. . . . .	3406.7.2
Tire rebuilding buffing areas . . . . .	2503.3
<b>CLEANROOM</b> . . . . .	NFPA 287
<b>CLEARANCE</b>	
Ignition sources . . . . .	305.1
Storage to ceiling or sprinklers . . . . .	315.2.1, 903.3.3, 3404.3.5.3
<b>CLINIC, OUTPATIENT (Occupancy Group B)</b>	
Defined . . . . .	202
<b>CLOSED CONTAINER</b> . . . . .	3205.5.2
Defined. . . . .	2702.1
<b>CLOSED SYSTEM</b> . . . . .	3405.3.7.6
Defined . . . . .	202
<b>CLOTHES DRYER EXHAUST</b> . . . . .	UMC 504
<b>CNG MOTOR FUEL-DISPENSING FACILITIES</b> . . . . .	2208
<b>COAL PREPARATION PLANTS</b> . . . . .	NFPA 120
<b>COLD DECK</b> . . . . .	1906.2
Defined. . . . .	1902.1
<b>COLLEGE AND UNIVERSITY BUILDINGS, GROUP R-2</b> . . . . .	404.2, Table 405.2, 408.3
<b>COMBUSTIBLE DUST</b>	
Defined. . . . .	1302.1
<b>COMBUSTIBLE DUST-PRODUCING OPERATIONS</b> . . . . .	Chapter 13
Permit . . . . .	105.6.6
<b>COMBUSTIBLE FIBERS</b> . . . . .	Chapter 29
Defined. . . . .	2902.1
General precautions . . . . .	2903
Permit . . . . .	105.6.7
Portable fire extinguishers . . . . .	2903.6
<b>COMBUSTIBLE LIQUID</b> . . . . .	2206, 2404.17, Chapter 34
Bulk transfer. . . . .	OA 3406.5
Classified locations . . . . .	3403.1.2
Construction documents . . . . .	OA 3401.6
Defined. . . . .	3402.1
Dispensing, use, mixing and handling . . . . .	3405.3, 3405.3.8
Heated . . . . .	3401.5
Indoor storage . . . . .	3404.3.3
Mixtures . . . . .	3401.5
Outdoor storage . . . . .	3404.4
Permit . . . . .	105.6.16
Portable fire extinguisher . . . . .	3406.2.7
Special operations . . . . .	3406
Tank storage. . . . .	3404.2
Waste control . . . . .	3406.3.3
Wholesale and resale use . . . . .	3404.3.6
<b>COMBUSTIBLE METALS</b> . . . . .	NFPA 484
<b>COMBUSTIBLE STORAGE</b> . . . . .	315, NFPA 230
Clearances. . . . .	NFPA 230 sec. 3-2.2
Equipment rooms . . . . .	315.2.3
Permit . . . . .	105.6.29
<b>COMBUSTIBLE WASTE MATERIAL</b> . . . . .	304, 1605
Containers . . . . .	304.3
Storage. . . . .	304.2
<b>COMMERCIAL COOKING APPLIANCES</b>	
Defined. . . . .	602.1
Suppression system . . . . .	904.2.1, 904.11, NFPA 96
<b>COMMERCIAL KITCHEN HOODS</b> . . . . .	609
Cleaning. . . . .	609.3
Servicing extinguishing system . . . . .	904.11.6.2
<b>COMMODITY</b>	
Classifications . . . . .	2303
Defined. . . . .	2302.1
<b>COMMON PATH OF EGRESS TRAVEL</b> . . . . .	1014.3, 1028.8, Table 4604.17.2
Defined. . . . .	1002.1
<b>COMPRESSED GAS</b> . . . . .	Chapter 30, see NFPA 55
Containers, cylinders, tanks. . . . .	3003.1
Defined. . . . .	3002.1
General . . . . .	OA 3006.1
Medical gas. . . . .	3006
Permits . . . . .	105.6.8

- Requirements . . . . . 3003
- Storage . . . . . 3004
- Use and handling . . . . . 3005
- Wiring . . . . . 3003.6
- COMPRESSED GAS CONTAINER**
- Defined . . . . . 3002.1
- COMPRESSED GAS SYSTEM**
- Defined . . . . . 3002.1
- Motor fuel-dispensing facilities . . . . . 2208
- Verification . . . . . OA 3006.4.1
- COMPRESSED NATURAL GAS (CNG)** . . . . . 3001.1
- Vehicular fuel systems . . . . . see NFPA 52
- CONFLICTING PROVISIONS** . . . . . 102.9
- CONGREGATE CARE FACILITY (Occupancy Group I)**
- Defined . . . . . 202
- CONGREGATE LIVING FACILITY (Occupancy Group R)**
- Defined . . . . . 202
- CONSTANTLY ATTENDED LOCATION** . . . . . 903.4.1, 907.2.1.1, 907.2.7.1, 907.2.12.1, 907.2.13, 907.2.18.2, 907.2.23, 907.4, 907.6, 907.11, 907.12, 913.4, 3404.2.8.11
- Defined . . . . . 902.1
- CONSTRUCTION AND DEMOLITION FIRE SAFETY** . . . . . Chapter 14, NFPA 241
- Flammable liquid . . . . . 3406.2
- CONSTRUCTION DOCUMENTS** . . . . . 105.4
- Defined . . . . . 202
- CONTAINER**
- Defined . . . . . 2702.1
- CONTAINER AND PORTABLE TANK STORAGE** . . . . . 3404.3, Table 3404.3.6.3(4), 3404.4, Table 3404.4.2
- CONTAINMENT PALLETS**
- Flammable and combustible liquids . . . . . 3404.4.3
- Hazardous materials . . . . . 2704.2.3
- CONTAINMENT SYSTEM** . . . . . 3704.2.2.3, 3704.2.2.7
- Defined . . . . . 3702.1
- CONTAINMENT VESSEL** . . . . . 3704.2.2.3, 3704.2.2.7
- Defined . . . . . 3702.1
- CONTINUOUS GAS DETECTION SYSTEM (see GAS DETECTION SYSTEM, CONTINUOUS)**
- CONTROL AREAS** . . . . . 2703.8.3
- Construction . . . . . 2703.8
- Corrosives . . . . . 3103
- Defined . . . . . 2702.1
- Explosive amounts . . . . . Table 3304.3
- Flammable and combustible liquids . . . . . 3404.3.5
- Flammable gases . . . . . 3503.1, 3504, 3505
- Group M and S occupancies . . . . . 2703.8.3.5, 2703.11, 3404.3.4.1

- Number of control area . . . . . Table 2703.8.3.2
- Organic peroxides . . . . . 3903
- Outdoor . . . . . 2703.12
- Oxidizers . . . . . 4003, 4004
- Pyrophoric . . . . . 4103, 4104
- Saline gas . . . . . CGA G-13
- Storage cabinets . . . . . 2703.8.7
- Storage exceeding maximum . . . . . 2704
- Toxic compressed gases . . . . . 3704.2
- Toxic solids and liquids . . . . . 3703
- Unstable chemicals . . . . . 4303.1
- Use, dispensing and handling . . . . . 2705
- Water-reactive materials . . . . . 4403
- COOKING**
- Appliances, commercial, defined . . . . . 602.1
- Commercial, fire-extinguishing systems . . . . . 904.11
- Commercial, hoods . . . . . 609
- Commercial, portable fire extinguisher . . . . . 904.11.5
- Devices, open-flame . . . . . 308.1.4
- On balconies . . . . . 308.1.4
- CORRIDOR** . . . . . 807.4.3.1, 1017, 4604.18
- Defined . . . . . 1002.1
- CORROSION PROTECTION**
- Cryogenic fluids . . . . . 3205.1.2.5
- Foundations . . . . . 3203.1.3.2
- General . . . . . 3403.6.5
- Tanks and piping . . . . . 3404.2.7.9, 3406.7.1
- CORROSIVE**
- Defined . . . . . 3102.1
- CORROSIVE MATERIALS**
- Indoor storage . . . . . 3104.1
- Indoor use . . . . . 3105.1
- Outdoor storage . . . . . 3104.2
- Outdoor use . . . . . 3105.2
- Requirements . . . . . 3103
- COTTON, BALED** . . . . . Table 2703.1.1(1), 2905
- Defined . . . . . 2902.1
- COTTON, DENSELY PACKED BALED**
- Defined . . . . . 2902.1
- COTTON, SEED** . . . . . 2903.4
- Defined . . . . . 2902.1
- COURT**
- Defined . . . . . 202
- COVERED MALL BUILDING**
- Automatic sprinkler system . . . . . 914.2.1
- Defined . . . . . 202
- Emergency planning . . . . . 408.11
- Emergency voice/alarm communication systems . . . . . 907.2.20, 914.2.3
- Fire alarm . . . . . 907.2.20
- Lease plan . . . . . 408.11.1

Permit . . . . . 105.6.9  
 Standby power systems . . . . . 604.2.14  
 Standpipe system . . . . . 905.3.3, 914.2.2  
 Tenant identification . . . . . 408.11.2  
 Unoccupied tenant space . . . . . 408.11.3  
**CRAWL SPACE** . . . . . 315.2.4  
**CROP RIPENING AND COLORING PROCESSES**  
 (see **FRUIT AND CROP RIPENING**) . . . Chapter 16  
**CROWD MANAGERS** . . . . . 403.3, 2404.20.2  
**CRYOGENIC CONTAINER**  
 Defined . . . . . 3202.1  
 Handling . . . . . 3205.5  
 Marking . . . . . 3203.4  
 Security . . . . . 3203.5  
**CRYOGENIC FLUIDS** . . . . . Chapter 32  
 Applicability . . . . . OA 3205.1  
 Containers . . . . . 3203.1  
 Defined . . . . . 3202.1  
 Filling . . . . . 3205.4  
 Flammable . . . . . 3506  
 General . . . . . OA 3204.1  
 Indoor storage . . . . . 3204.2  
 Indoor use . . . . . 3205.2  
 Outdoor storage . . . . . 3204.3  
 Outdoor use . . . . . 3205.3  
 Permit . . . . . 105.6.10  
 Requirements . . . . . 3203  
 Transfilling of liquid oxygen . . . . . OA 3205.4.4  
 Underground storage tanks . . . . . 3204.4, 3204.5  
 Weight and volume equivalents . . . . . Appendix G  
**CRYOGENIC VESSEL**  
 Defined . . . . . 3202.1  
**CURTAIN BOARDS (see DRAFT CURTAINS)**  
**CUTTING AND WELDING (see HOT WORKS)**  
 Permit . . . . . 105.6.11  
**CYLINDER**  
 Defined . . . . . 2702.1

**D**

**DAMPER**  
 Defined . . . . . 202  
**DANGER, IMMINENT** . . . . . 110.2  
**DAY BOX (Magazine, Type 3)** . . . . . 3302.1  
 Defined . . . . . 2702.1  
**DECK**  
 Defined . . . . . 202  
**DECORATIONS** . . . . . 703.3, 805  
 Artificial vegetation . . . . . 806.2  
 Exit obstruction . . . . . 1030.5  
**DECORATIVE MATERIALS** . . . . . 807  
 Defined . . . . . 202

**DECORATIVE VEGETATION** . . . . . 806  
**DEFLAGRATION**  
 Defined . . . . . 2702.1  
**DELAYED EGRESS LOCKS** . . . . . 907.4.2, 1008.1.8.6  
**DELUGE SYSTEM** . . . . . 903.4, 1905.2, 1906.2  
 Defined . . . . . 902.1  
**DEMOLITION OF BUILDINGS**  
**FIRE SAFETY** . . . . . Chapter 14, NFPA 241  
**DESIGN PRESSURE**  
 Air-supported structure . . . . . 2403.10.3  
 Defined . . . . . 2702.1  
 Explosion control . . . . . 911.2  
 Storage tanks . . . . . 3203.1.1.1  
**DETACHED BUILDING**  
 Defined . . . . . 2702.1  
 Group H occupancies . . . . . 2703.8.2  
 Storage . . . . . 3904.1.1, 4004.1.1, Table 4004.1.2  
**DETEARING** . . . . . 1507.1  
 Defined . . . . . 1502.1  
**DETECTOR, HEAT** . . . . . 907.2.3, 910.4.3  
 Defined . . . . . 902.1  
**DETONATING CORD**  
 Defined . . . . . 3302.1  
**DETONATION**  
 Defined . . . . . 3302.1  
**DETONATOR**  
 Defined . . . . . 3302.1  
**DETOXIFICATION FACILITY (Group I-2)**  
 Defined . . . . . 202  
**DIP TANK** . . . . . 1501.1, 1505  
 Defined . . . . . 1502.1  
 Fire-extinguishing system . . . . . 1505.4.1.1  
**DIPPING OPERATIONS** . . . . . 1505, NFPA 34  
 Fire-extinguishing system . . . . . 1505.2, 1505.4.1.1,  
 1505.9.4  
 Permit . . . . . 105.6.41  
**DISCHARGE, EXIT (see EXIT DISCHARGE)**  
**DISCHARGE OF HAZARDOUS MATERIAL**  
 (see **RELEASE OF HAZARDOUS MATERIAL**)  
**DISCHARGE SITE**  
 Defined . . . . . 3302.1  
**DISPENSING**  
 Defined . . . . . 2702.1  
 Fire extinguishers . . . . . 2205.5  
 Location . . . . . 2203.1  
 Motor fuel-dispensing operations . . . . . 2204  
 Requirements . . . . . 2205, 2705  
**DISPENSING DEVICE,**  
**OVERHEAD-TYPE** . . . . . 2206.7.6  
 Defined . . . . . 2202.1  
**DISPLAY SITE**  
 Defined . . . . . 3302.1



**DISPLAYS**

- Aerosol products . . . . . 2806
- Cellulose nitrate (pyroxylin) plastic . . . 314.3, 4203.1
- Fireworks . . . . . 3308
- Group M . . . . . 2703.11, 3306.5
- Indoor . . . . . 314
- Motor vehicles . . . . . 314.4, 2404.18
- Retail . . . . . 2701.4, 2806, 3301.2.2, 3308.11
- Storage . . . . . 2703.11.3

**DOOR, BALANCED**

- Defined . . . . . 1002.1

**DOOR, EXIT . . . . . 1008**

**DORMITORIES (see OCCUPANCY CLASSIFICATION, Residential Group R and COLLEGE AND UNIVERSITY BUILDINGS, Group R-2)**

**DRAFT CURTAIN**

- Attic . . . . . 703.1
- Construction, design and installation . . . . . 910.3, 2306.2
- Defined . . . . . 2302.1
- Escalator opening . . . . . IBC 708.2

**DRAFTSTOPS . . . . . 703.1.1**

- Defined . . . . . 702.1
- Floor ceiling assemblies . . . . . 703.1.1, IBC 717.3
- Maintenance . . . . . 703.1.1

**DRAINAGE CONTROL . . . . . 2003.10, 2005.3, 2704.2.2.6, 3405.3.8.1, 3406.2.6, 3406.4.9**

**DRAINS**

- Dip-tank bottom . . . . . 1505.3.2
- Exhaust duct sprinkler system . . . . . 1803.10.4.4.3
- HPM liquids . . . . . 1805.2.2.2
- Magazines . . . . . 3304.6.1
- Outdoor cryogenic fluid storage containers . . . . . 3204.3.1.3
- Portable containers . . . . . 3204.3.2.2

**DRAPERIES . . . . . 807.1, 1030.5**

**DRILLING, WELL . . . . . 3406.3**

**DRY-CHEMICAL EXTINGUISHING AGENT**

- Defined . . . . . 902.1

**DRY-CHEMICAL EXTINGUISHING SYSTEM . . . . . NFPA 17**

**DRY CLEANING . . . . . Chapter 12**

- Classifications . . . . . 1203.1
- Defined . . . . . 1202.1
- Plants . . . . . NFPA 32
- Requirements, general . . . . . 1204
- Requirements, operating . . . . . 1205
- Solvent or liquid classifications . . . . . 1202.1
- Spotting and pre-treating . . . . . 1206
- Systems . . . . . 1207

**DRY CLEANING PLANT . . . . . NFPA 32**

- Defined . . . . . 1202.1
- Fire-extinguishing system . . . . . 1208.2
- Permits . . . . . 105.6.12

**DRY CLEANING ROOM**

- Defined . . . . . 1202.1
- Electrical . . . . . 1204.2.3
- Means of egress . . . . . 1207.2.2
- Ventilation . . . . . 1205.2.3

**DRY CLEANING SYSTEM . . . . . 1207**

- Defined . . . . . 1202.1

**DRYING APPARATUS . . . . . 1504.6.1.2**

**DRYING OVENS (see INDUSTRIAL OVENS)**

**DRYING ROOMS . . . . . 904.10**

**DUCT AUTOMATIC SPRINKLER . . . . . 903.2.11.4**

**DUCT SMOKE DETECTORS . . . . . 907.4.1**

**DUMPSTERS . . . . . 304.3**

**DUST COLLECTION . . . . . 2903.5, 3606.5.3**

**DUST EXPLOSION**

- HAZARDS . . . . . Chapter 13, NFPA 654**
- Explosion venting . . . . . 1903.2.1

**DWELLING**

- Defined . . . . . 202

**DWELLING UNIT**

- Defined . . . . . 202

**E**

**EARLY SUPPRESSION**

**FAST-RESPONSE SPRINKLER (ESFR)**

- (see **AUTOMATIC SPRINKLERS** . . . . . 910.3.5
- Aerosol storage . . . . . Table 2804.3.2.2
- Draft curtain areas . . . . . 910.3.5
- General storage . . . . . Table 2306.2
- Rack storage . . . . . Table 2308.3, 2804.4.3

**EGRESS (see MEANS OF EGRESS)**

- Exterior balcony travel distance . . . . . 1016.2
- Obstruction . . . . . 806.3
- Width . . . . . 1005

**ELECTRIC GENERATING PLANTS . . . . . NFPA 850**

**ELECTRICAL CODE . . . . . NFPA 70**

**ELECTRICAL EQUIPMENT . . . . . 605**

- Aviation facilities . . . . . 1106.14
- Clear working space . . . . . NEC 70: 110.26
- Dust-producing machines . . . . . 3606.5.5
- Lighting . . . . . 806.5
- Maintenance . . . . . NFPA 70B
- Safety in the workplace . . . . . NFPA 70E
- Signs . . . . . 609.8
- Workstations in HPM facilities . . . . . 1803.7.2

**ELECTRICAL HAZARDS . . . . . 605**

- Clearance . . . . . 605.3

Open junctions . . . . . 605.6

**ELECTRICAL ROOM**

Labeling . . . . . 605.3.1

Storage . . . . . 315.2.3, NEC 110.26(B)

**ELECTRICAL STANDARD FOR INDUSTRIAL MACHINERY** . . . . . NFPA 79

**ELECTROSTATIC APPARATUS** . . . . . 1507

**ELECTROSTATIC FLUIDIZED BED** . . . . . 1506.1

Defined . . . . . 1502.1

**ELEVATOR GROUP**

Defined . . . . . 902.1

Emergency voice/alarm communication system in . . . . . 907.6.2.2

**ELEVATOR RECALL** . . . . . 607

Standby power . . . . . 604.2.18

**EMERGENCY ALARM SYSTEM** . . . . . 908, 1803.12  
2704.9, 2705.4.4

Defined . . . . . 902.1

**EMERGENCY CONTROL STATION** . . . . . 1803.1

Defined . . . . . 1802.1

**EMERGENCY ESCAPE AND RESCUE OPENING** . . . . . 1029, 1030.7

Defined . . . . . 1002.1

**EMERGENCY EVACUATION DRILL** . . . . . 405

Defined . . . . . 402.1

Frequency . . . . . 408.5.4

**EMERGENCY FUEL SHUTOFF** . . . . . 1106.6

**EMERGENCY OPERATIONS**

Authority . . . . . 104.11

Obstructing . . . . . 104.11.2

Systems inoperative . . . . . 104.11.3

**EMERGENCY PLANNING AND PREPAREDNESS** . . . . . Chapter 4

Assembly points . . . . . OA 408.3.4

Contents . . . . . OA 404.3, 404.3.2

Employee training . . . . . OA 408.7.1

Facility closure plan . . . . . OA 407.7

Fire safety and evacuation plan . . . . . OA 408.5.1, 408.10.1

Frequency . . . . . OA Table 405.2, 406.2, 408.5.4, 408.10.4

Group A occupancies . . . . . 408.2

Group E occupancies . . . . . OA 408.3

Group I-1 occupancies . . . . . OA 408.5.1

Group I-2 occupancies . . . . . OA 408.6

Group SR occupancies . . . . . OA 408.12.1

Initiation . . . . . OA 405.7

Lease plan . . . . . OA 408.11.1

Making false report . . . . . OA 401.5

Material safety data sheets . . . . . 407.2

Public safety plan . . . . . 403.2

Resident participation . . . . . OA 408.5.5, OA 408.10.5

Resident training . . . . . OA 408.5.3, OA 408.10.3

Scope . . . . . OA 401.1

Staff training . . . . . OA 408.5.2, OA 408.10.2

Where required . . . . . OA 404.2

**EMERGENCY POWER SYSTEM** . . . . . 604, IBC 2702, NFPA 110 and 111

Egress illumination . . . . . 1006.3

Toxic compressed gas . . . . . 3704.2.2.8, 3704.3.4.2

**EMERGENCY RELIEF VENTING** . . . . . 2206.6.2.5, 3404.2.7.4

**EMERGENCY RESPONDER RADIO COVERAGE** . . . . . 510

**EMERGENCY SHUTOFF VALVE** . . . . . 2207.5.1, 2703.2.2.1, 3203.4.6, 3205.3.2, 3503.1.3, 4003.1.2, 4103.1.1

Defined . . . . . 202

CNG fuel dispensing . . . . . OA 2208.7

Dispensing stations . . . . . 2203.2

Electrostatic apparatus . . . . . 1507.8

Fuel-dispensing devices . . . . . 2204.3.3

Hydrogen fuel dispensing . . . . . 2209.5.3

LP-gas dispensing . . . . . OA, 2207.1, 2207.6

**EMERGENCY SHUTOFF VALVE, AUTOMATIC** . . . . . 2205.2.2, 2206.7.4

Defined . . . . . 202

**EMERGENCY SHUTOFF VALVE, MANUAL**

Defined . . . . . 202

**EMERGENCY TELEPHONE** . . . . . 1409.1, 2204.3.6

**EMERGENCY VOICE/ALARM COMMUNICATIONS** . . . . . 907.6.2.2

Atriums . . . . . 907.2.14

Covered mall buildings . . . . . 907.2.20

Deep underground buildings . . . . . 907.2.19

Defined . . . . . 902.1

Group A . . . . . 907.2.1.1

High-rise building . . . . . 907.2.13

Special amusement buildings . . . . . 907.2.12.3

**EMPLOYEE TRAINING** . . . . . 406

**ENTRY, RIGHT OF** . . . . . OA 104.3.1

**EQUIPMENT, FUELED** . . . . . 312

**EQUIPMENT PLATFORM**

Defined . . . . . 202

Guards required . . . . . 1013.1

**ESCAPE OPENINGS** . . . . . 1029

**ESFR SPRINKLERS (see AUTOMATIC SPRINKLERS)**

**ETHYLENE** . . . . . NFPA 560

Gas . . . . . 1603

Generators . . . . . 1606

**EVACUATION** . . . . . 110.2

**EVACUATION DRILLS** . . . . . 405

Frequency . . . . . 405.2, OA Table 405.2

Notification . . . . . 405.6  
 Recall and reentry . . . . . 405.9  
**EVACUATION PLANS** . . . . . 404  
**EXCESS FLOW CONTROL**  
 Defined. . . . . 2702.1  
 Hazardous material processing . . . . . 2703.2.2.1  
 LP-gas. . . . . 2207.5.1  
 Toxic material tanks . . . . . 3704.2.2.5  
**EXCESS FLOW VALVE** . . . . . 3704.2.2.7.5  
 Defined. . . . . 3702.1  
**EXHAUSTED ENCLOSURE** . . . . . 2703.8.5  
 Defined. . . . . 2702.1  
**EXHIBITS AND TRADE SHOWS**  
 Permits . . . . . 105.6.13  
**EXISTING**  
 Building . . . . . 102.1, 905.11, 907.3, 912.2.2  
 Defined. . . . . 4602.1  
 Means of egress . . . . . 4604  
**EXISTING BUILDINGS** . . . . . Chapter 46  
**EXIT** . . . . . 1020  
 Access. . . . . 1014  
 Aisles to. . . . . 1014  
 Atria . . . . . Table 1016.1, 1029.1, IBC 404  
 Boiler room. . . . . 1015.3  
 Combustible material . . . . . 314.3, 315.2.2  
 Defined. . . . . 1002.1  
 Doors . . . . . 1015, 1020.2  
 Enclosure . . . . . 1022  
 Furnace room. . . . . 1015.3  
 Group A occupancy . . . . . 1028  
 Group E occupancy (Existing) . . . . . 4604.18  
 Group H occupancy . . . . . 1014.3  
 Horizontal . . . . . 1025  
 Illumination. . . . . 1006, 1027.3  
 Maintenance . . . . . 1030  
 Number required. . . . . 1021  
 Obstruction . . . . . 806.3, 1030.3  
 Passageways . . . . . 1023  
 Ramps. . . . . 1026  
 Refrigeration room . . . . . 1015.4  
 Signs . . . . . 1011  
 Stairways . . . . . 1022, 1026, 4604.11  
 Travel distance . . . . . 1014.3, 1016.1, 1028.7,  
 Table 4604.18.2  
 Width . . . . . 1005, 1028.6  
**EXIT ACCESS** . . . . . 1014  
 Defined. . . . . 1002.1  
**EXIT AND EXIT ACCESS DOORS** . . . . . 1008, 1015  
**EXIT DISCHARGE** . . . . . 1027  
 Defined. . . . . 1002.1

**EXIT DISCHARGE, LEVEL OF** . . . . . 1027  
 Defined. . . . . 1002.1  
**EXIT ENCLOSURE** . . . . . 1022, 1023.5, 1027.1  
 Defined. . . . . 1002.1  
**EXIT, HORIZONTAL** . . . . . 1025  
 Defined. . . . . 1002.1  
**EXIT PASSAGEWAY** . . . . . 1023  
 Defined. . . . . 1002.1  
**EXPANDED PLASTIC** . . . . . Fig. 2303.7.4  
 Defined. . . . . 2302.1  
**EXPLOSION**  
 Defined. . . . . 2702.1  
**EXPLOSION CONTROL** . . . . . 911, 2005.4, 2704.6,  
 2705.2.1.2, 2705.2.2.3, 3404.2.5,  
 3405.3.7.5.2, 3405.3.7.6.2, 3504.1.1,  
 3904.1.10, 4004.1.3, 4304.1.2,  
 4404.1.6, NFPA 69  
**EXPLOSIVE MATERIAL** . . . . . 1407, Chapter 33,  
 NFPA 495  
 Defined. . . . . 3302.1  
**EXPLOSIVES AND FIREWORKS** . . . . . Chapter 33  
 Defined. . . . . 3302.1  
 Additional OA definitions as follows: Ammonium  
 Nitrate; Barricade; Barricaded; Bullet Resistant;  
 Highway; Inhabited Building; Net Explosive  
 Weight; Operating Building; Phosphoric Material;  
 Railway; Small Arms Ammunition; Smokeless  
 Propellants . . . . . Chapter 2, OA 3302.1  
 Permits . . . . . 105.6.14  
 Safe haven for transport vehicles . . . . . NFPA 498  
 Scope. . . . . OA 3301.1  
 Small arms ammunition . . . . . OA 3301.1.1  
**EXTENSION CORDS** . . . . . 605.5  
**EXTERIOR FIRE EXPOSURE** . . . . . NFPA 80A  
**EXTERIOR WALL**  
 Defined . . . . . 202  
**EXTINGUISHERS**  
 (see **FIRE EXTINGUISHERS, PORTABLE**)  
**EXTINGUISHING SYSTEMS**  
 Carbon dioxide. . . . . 904.8, 904.11.3, NFPA 12  
 Clean agent . . . . . 904.10, NFPA 2001  
 Dry chemical . . . . . 904.6, NFPA 17  
 Foam . . . . . 904.7, NFPA 11  
 Foam-water. . . . . NFPA 16  
 Halon . . . . . 904.9, NFPA 12A  
 Kitchen. . . . . 904.11, NFPA 96  
 Sprinkler . . . . . 904.11.4, NFPA 13  
 Sprinkler, multifamily . . . . . NFPA 13R  
 Sprinkler, one and two family . . . . . NFPA 13D  
 Water based . . . . . NFPA 25  
 Water mist. . . . . NFPA 750

Water spray . . . . . NFPA 15  
 Wet chemical . . . . . 904.5, NFPA 17A

**EXTRA-HIGH-RACK COMBUSTIBLE STORAGE**

Approval . . . . . 2308.5  
 Defined . . . . . 2302.1  
 Fire protection . . . . . 2308.5.1

**F**

**FABRICATION AREA** . . . . . 1805.2  
 Construction . . . . . 1803.3.1  
 Defined . . . . . 1802.1  
 Electrical wiring and equipment . . . . . 1803.7.1  
 Existing . . . . . 1801.4  
 Gas detection . . . . . 1803.13.1.1  
 Storage . . . . . 1804.2

**FACILITY**

Closure plan . . . . . OA 407.7  
 Defined . . . . . 202

**FAIL-SAFE** . . . . . 2703.2.2.1, 3704.2.2.3  
 Defined . . . . . 202

**FAIRS** . . . . . 105.6.4

**FALLOUT AREA**

Defined . . . . . 3302.1

**FALSE ALARM** . . . . . 401.5  
 Defined . . . . . 202

**FEES** . . . . . 113

**FIELD FLAME TESTS** . . . . . NFPA 705

**FILM, CELLULOSE NITRATE**

**MOTION PICTURE** . . . . . 306  
 Projection rooms . . . . . 306.1  
 Storage . . . . . 306.2

**FINES (in woodworking operations)  
 (see also VIOLATION PENALTIES)**

Defined (in woodworking operations) . . . . . 1902.1  
 Storage and processing  
 (in woodworking operations) . . . . . 1908

**FINISHED PRODUCTS** . . . . . 2009.6

**FIRE ALARM**

Code . . . . . NFPA 72  
 Defined . . . . . 202  
 Permit . . . . . 105.7.4  
 Reporting . . . . . 401.3.2, 1409

**FIRE ALARM BOX (see MANUAL FIRE ALARM BOX)**

**FIRE ALARM CONTROL UNIT**

Defined . . . . . 902.1

**FIRE ALARM SIGNAL** . . . . . 401.3.2, 907.2.6.3.1  
 Defined . . . . . 902.1

**FIRE ALARM SYSTEM** . . . . . 907

Annunciation . . . . . 907.1.1  
 Defined . . . . . 902.1  
 Existing buildings . . . . . 4603.6

Maintenance . . . . . 907.9  
 Monitoring . . . . . 907.7.5  
 Notification appliances . . . . . 907.6  
 Obstructions . . . . . 907.9.5  
 Out of service . . . . . 901.7  
 Paging systems . . . . . OA SR107.3.3  
 Power supply . . . . . 907.7.2  
 Presignal system . . . . . 907.6.1  
 Telephone dialing devices . . . . . 907.7.5.1  
 Testing . . . . . 907.9  
 Visible alarms . . . . . 907.6.2.3  
 Where required, existing buildings . . . . . 4603.6  
 Where required, new building . . . . . 907.2  
 Wiring . . . . . 907.7.1  
 Zones . . . . . 907.7.3

**FIRE ALARM SYSTEM, WHEN REQUIRED** . . . 907.2

Aerosol storage . . . . . 907.2.16

Aircraft hangar, residential . . . . . 907.2.21  
 Airport traffic control tower . . . . . 907.2.22  
 Atriums . . . . . 907.2.14  
 Battery rooms . . . . . 907.2.23  
 Covered mall buildings . . . . . 907.2.20  
 Delayed egress locks . . . . . 907.4.2  
 Existing buildings . . . . . 907.3  
 Group A . . . . . 907.2.1  
 Group B . . . . . 907.2.2  
 Group E . . . . . 907.2.1, 907.2.3  
 Group F . . . . . 907.2.4  
 Group H . . . . . 907.2.5  
 Group I . . . . . OA 907.2.6, 907.2.11.2  
 Group I-1 . . . . . OA 4603.6.2  
 Group M . . . . . 907.2.7  
 Group R-1 . . . . . 907.2.8, 907.2.11.1  
 Group R-2 . . . . . 907.2.9, 907.2.11.2  
 Group R-3 . . . . . 907.2.11.2  
 Group R-4 . . . . . OA 4603.6.7, 907.2.11.2  
 High-piled stock . . . . . 907.2.15  
 High-rise . . . . . 907.2.13  
 Organic coating manufacture . . . . . 2003.11  
 Special amusement building . . . . . 907.2.12  
 Underground building . . . . . 907.2.18, 907.2.19  
 Wood mills . . . . . 907.2.17, 1904

**FIRE APPARATUS ACCESS ROAD** . . 503, Appendix D

Angles of approach . . . . . 503.2.8  
 Defined . . . . . 502.1  
 Drainage . . . . . OA D103.3.2  
 Gates and barricades . . . . . 503.5, 503.6  
 Obstructions . . . . . 503.4  
 Marking . . . . . 503.3  
 Neighborhood street design guideline . . . . . D 101.1

Specifications . . . . . OA 503.2.2  
 Wildland-urban interface . . . . . OA D102.1.1  
 Where required . . . . . OA 503.1, OA 503.1.1  
 Width with hydrant. . . . . OA D103.1

**FIRE APPLIANCE**  
 Defined . . . . . OA Chapter 2, OA 402.1

**FIRE AREA**  
 Defined. . . . . 902.1

**FIRE BARRIER**  
 Defined . . . . . 202  
 Maintenance . . . . . 703.1.3

**FIREBLOCKING** . . . . . 703.1.1

**FIRE CHIEF**  
 Authority at fires and other emergencies. . . . 104.11  
 Defined . . . . . OA 202

**FIRE CODE OFFICIAL** . . . . . OA 104  
 Defined . . . . . 202

**FIRE COMMAND CENTER** . . . . . 509  
 Defined. . . . . 502.1

**FIRE DAMPER**  
 Defined . . . . . 202

**FIRE DEPARTMENT ACCESS** . . . . . 509

**FIRE DEPARTMENT COMMUNICATION SYSTEM** . . . . . 907.2.12.3

**FIRE DEPARTMENT CONNECTIONS** . . . 903.3.7, 912

**FIRE DEPARTMENT MASTER KEY (see also KEY BOXES)**  
 Defined. . . . . 502.1

**FIRE DEPARTMENT OPERATIONS**. . . . 104.11, 401.4

**FIRE DETECTOR, AUTOMATIC**  
 Defined. . . . . 902.1

**FIRE DOOR** . . . . . NFPA 80  
 Closure . . . . . 703.2.2  
 Defined . . . . . 202  
 Hold open device . . . . . 703.2.2  
 Operation . . . . . 703.2.3  
 Testing . . . . . 703.4

**FIRE DOOR ASSEMBLY** . . . 703.2, 703.4, IBC 715.4.4  
 Defined . . . . . 202

**FIRE DRILL (see EMERGENCY EVACUATION DRILL)** . . . . 401.6, 404, 405, 406, 408

**FIRE EQUIPMENT, TAMPERING WITH** . . . . 901.8

**FIRE ESCAPES STAIRS** . . . . . 1027.16, ORS 479.040 through 479.080

**FIRE EXIT HARDWARE** . . . . . 1008.1.9  
 Defined. . . . . 1002.1

**FIRE EXTINGUISHERS, PORTABLE** . . . . . 906  
 Aircraft fuel dispensing . . . . . 1105.5, 1105.6  
 Aircraft parking area. . . . . 1107.7  
 Aircraft refueling. . . . . 1105.4  
 Aircraft towing vehicle . . . . . 1105.2  
 Aircraft welding operations. . . . . 1105.3

Asphalt coating . . . . . 1417.3  
 Asphalt kettles . . . . . 303.5  
 Aviation facilities . . . . . 1105  
 Battery charging area for industrial trucks. . . . . 309.4  
 Bonfires . . . . . 307.5  
 Buildings under construction or demolition . . . . . 1415  
 Cabinets . . . . . 905.7, 906.8  
 Carnivals and fairs . . . . . 906, 2404.12  
 Class A hazard. . . . . Table 906.3(1)  
 Class B hazard . . . . . Table 906.3(2)  
 Class C hazard . . . . . 906.3  
 Combustible fibers . . . . . 2903.6  
 Combustible metals . . . . . NFPA 10  
 Commercial cooking equipment . . . 904.11.5, 906.4  
 Computer rooms . . . . . 906.1(6)  
 Cooking grease fires . . . . . 906.4  
 Dip tanks . . . . . 1505.4.2  
 Dry cleaning plants . . . . . 1208.4  
 Extra hazard. . . . . Table 906.3(1)  
 Fireworks sale . . . . . OAR 837-012-0650  
 Flammable finishes . . . . . 1504.4.1, 1505.4.2, 1506.4.2  
 Flammable or combustible liquids at construction site . . . . . 3406.2.7  
 Flammable or combustible liquids at farms. . . . . 3406.2.7  
 Flammable or combustible liquid bulk plants . . . . . 3406.4.10.1  
 Flammable or combustible liquid storage area. . . . . 3403.2.1, 3404.3.3.1, 3404.3.7.5.2  
 Flammable or combustible liquid tank vehicle . . . . . 3406.6.4  
 Flammable or combustible liquid at wharves . . . . . 2210.6.4  
 Flammable or combustible liquid  
     < 0.25-inch depth . . . . . Table 906.3(2)  
     > 0.25-inch depth . . . . . see NFPA 10  
 Flammable solids . . . . . 3606.5.7  
 General requirements . . . . . 906.1  
 Generator rooms . . . . . 906.1(6)  
 Heliports and helistops . . . . . 1107.7  
 High-piled stock storage . . . . . 906, 2306.10  
 Hot works . . . . . 2604.2.6  
 Industrial ovens . . . . . 2106.3  
 Laboratories. . . . . 906.1(6)  
 Light hazard . . . . . Table 906.3(1)  
 LPG container truck . . . . . NFPA 58  
 LPG distribution point . . . . . NFPA 58  
 LPG mobile units . . . . . NFPA 58  
 LPG tank trucks . . . . . NFPA 58



LPG use, storage area . . . . .	3808.2	Safety . . . . .	101.3
Lumber yards . . . . .	1904.3, 1908.8, 1909.5	Smoke control panel . . . . .	909.16
Magnesium processing . . . . .	3606.5.7	<b>FIRE-FLOW REQUIREMENTS</b> . . . . .	507.3, Appendix B
Marine fuel stations . . . . .	2210.6.4	Fire flow . . . . .	OA 507.3
Motor vehicle fuel dispensing . . . . .	2205.5	ORS 479.200 . . . . .	OA B101.1
Mounting . . . . .	906.5, 906.9	Type of water supply . . . . .	507.2
Obstructions . . . . .	906.6	<b>FIRE HAZARD</b>	
Open burning site . . . . .	307.5	Defined . . . . .	OA Chapter 2
Open flame device . . . . .	308.1.3	<b>FIRE HYDRANT</b>	
Ordinary hazard . . . . .	Table 906.3(1)	Access roads . . . . .	OA D103.1
Organic coating operations . . . . .	2003.5	Clear space . . . . .	OA 507.5.5
Powder coating . . . . .	1506.4	Fire hydrant systems . . . . .	OA 507.5
Rack storage . . . . .	2306.10	Location . . . . .	Appendix C
Recreational fires . . . . .	307.5	Obstruction . . . . .	507.5.4
Recycling facilities . . . . .	1908.8	Permit . . . . .	105.6.15, 105.6.35, 105.7.10
Repair garages . . . . .	2211.6	Tampering . . . . .	901.8
Roofing operations . . . . .	1417.3	Testing . . . . .	507.5.2, 901.5
Solvent distillation . . . . .	3405.4.9	<b>FIRE INVESTIGATIONS</b> . . . . .	OA 104.10.1
Spray operations . . . . .	1504.4.1	<b>FIRE LANE</b>	
Tents and membrane structures . . . . .	906, 2404.12	Defined . . . . .	502.1
Tire rebuilding/storage . . . . .	2508.2	Signs . . . . .	503.3, D103.6
Torches (paint removal) . . . . .	308.1.3	<b>FIRE PARTITION</b> . . . . .	907.2.8, 907.2.9, IBC 708
Vehicle fuel dispensing . . . . .	2205.5, 3406.5.4.5	Defined . . . . .	202
Welding . . . . .	2604.2.6	Maintenance . . . . .	703.1.3
Where required . . . . .	Table 906.1	<b>FIRE POINT</b>	
Wood chip/recycling facilities . . . . .	1908.8	Defined . . . . .	3402.1
Woodworking facilities . . . . .	1904.3	<b>FIRE PROTECTION RATING</b>	
<b>FIRE-EXTINGUISHING SYSTEMS,</b>		Defined . . . . .	202
<b>ALTERNATIVE</b> . . . . .	904	<b>FIRE PROTECTION SYSTEM</b> . . . . .	Chapter 9
Commercial cooking . . . . .	904.11	Defined . . . . .	902.1
Conveyor rooms . . . . .	1907.3, 1908.7	Maintenance . . . . .	901.6
Dip tanks . . . . .	1505.4.1.1	Nonrequired . . . . .	901.4.2
Electrostatic apparatus . . . . .	1507.4	Out of service . . . . .	901.7
Fire alarm system interconnection . . . . .	907.14	Owner's responsibility during construction or demolition . . . . .	1408
Flammable and combustible liquids . . . . .	3404.3.7.5.1, 3404.3.8.4	Permit . . . . .	105.7.1, 105.7.4, 105.7.5, 105.7.12
Flammable finishing . . . . .	1504.4, 1505.4.1, 1506.4, 1507.4	Piers and wharves . . . . .	OA 4504.2
Gas rooms . . . . .	2703.8.4.1, 3704.2.2.6	<b>FIRE PUMPS</b> . . . . .	105.7.5, 913
Hazardous materials . . . . .	2705.1.8	<b>FIRE RECORDS</b> . . . . .	104.6.3
HPM operations . . . . .	1803.10	<b>FIRE, RECREATIONAL (see RECREATIONAL FIRE)</b>	
Industrial ovens . . . . .	2106	<b>FIRE, REPORTING OF UNWANTED</b> . . . . .	401.3, 1409
Interlocking . . . . .	904.3.3, 904.11.2	<b>FIRE RESISTANCE</b>	
LPG tank storage . . . . .	3808.1	Defined . . . . .	202
Monitoring . . . . .	904.3.5	<b>FIRE-RESISTANCE-RATED CONSTRUCTION</b> . . . . .	OA 703.1
Permit . . . . .	105.7.1	<b>FIRE-RESISTANCE RATING</b>	
Powder coating . . . . .	1506.4	Defined . . . . .	202
Required . . . . .	904.2	<b>FIRE RESISTANT JOINT SYSTEM</b>	
Spray finishing . . . . .	1504.4	Defined . . . . .	702.1
<b>FIRE FIGHTERS</b>		<b>FIRE RETARDANT COATINGS</b> . . . . .	803.4, NFPA 703
Hazards to . . . . .	316		
Pitfalls . . . . .	316.3		

**FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION** . . . . . Chapter 14  
 Combustible trash chutes . . . . . OA 1418  
 Emergency telephone . . . . . OA 1409.1

**FIRE SAFETY FUNCTIONS** . . . . . 907.11  
 Defined . . . . . 902.1

**FIRE SAFETY PLANS** . . . . . 404.3.2

**FIRE SERVICE FEATURES** . . . . . Chapter 5

**FIRE SEPARATION DISTANCE**  
 Defined . . . . . 202

**FIRE, UNWANTED (see UNWANTED FIRE)**

**FIRE WALL**  
 Defined . . . . . 202  
 Maintenance . . . . . 703.1.3

**FIRE WATCH**  
 Construction/demolition sites . . . . . 1404.5  
 Defined . . . . . 202  
 Events . . . . . 403.1, Appendix N  
 Fire protection impairments . . . . . 901.7  
 Hot work . . . . . 2604.2

**FIREBLOCKING**  
 Defined . . . . . 202  
 Maintenance . . . . . 703.1.3

**FIREPLACES, PORTABLE OUTDOOR (see PORTABLE OUTDOOR FIREPLACES)**

**FIREWORKS (see EXPLOSIVES AND FIREWORKS)** . . . . . Chapter 33, NFA 1123, NFA 1124  
 Defined . . . . . 3302.1  
 Prohibited . . . . . 3301.1.3  
 Retail display and sales . . . . . 3308.11  
 Scope . . . . . OA 3301.1

**FIREWORKS DISPLAY** . . . . . NFA 160, 1123 and 1124  
 Damage from . . . . . 3301.2.4.2  
 Defined . . . . . 3302.1

**FIXED BASE OPERATOR**  
 Defined . . . . . 902.1

**FLAME RETARDANT OR RESISTANT (see also FIRE RETARDANT COATINGS)** . . . . . 807.2  
 Artificial vegetation . . . . . 806.2  
 Decorations . . . . . 807.1  
 Tents, air-supported, air-inflated and tensioned membrane structures . . . . . 2404.2

**FLAME SPREAD**  
 Defined . . . . . 802.1  
 Floor . . . . . IBC 804  
 Furnishings . . . . . 805  
 Interior finish . . . . . 803, IBC 803  
 Vegetation . . . . . 806

**FLAME SPREAD INDEX**  
 Defined . . . . . 802.1

**FLAMING FOODS AND BEVERAGES** . . . . . 308.6

**FLAMMABLE CRYOGENIC FLUID**  
 Defined . . . . . 3202.1

**FLAMMABLE FINISHES** . . . . . 914.7, Chapter 15  
 Defined . . . . . 1502.1  
 Dipping operations . . . . . 1505  
 Electrostatic apparatus . . . . . 1507  
 Fire protection . . . . . 1504.4  
 Floor surfacing . . . . . 1510  
 Powder coating . . . . . 1506  
 Protection of operations . . . . . 1503  
 Spray finishing . . . . . 1504  
 Ventilation . . . . . 1504.7, 1505.7, 1506.7, 1507.7, 1509.6, 1510.5

**FLAMMABLE GAS** . . . . . Chapter 35  
 Defined . . . . . 3502.1  
 Requirements . . . . . 3503  
 Storage . . . . . 1406.1, 3504  
 Use . . . . . 1406.1, 3505

**FLAMMABLE LIQUEFIED GAS**  
 Defined . . . . . 3502.1

**FLAMMABLE LIQUIDS** . . . . . 2206, 2404.17, Chapter 34  
 Buildings under construction or demolition . . . . . 1405  
 Bulk transfer . . . . . 3406.5  
 Classified locations . . . . . 3403.1.1  
 Commercial, industrial . . . . . 3406.5.4.5  
 Construction documents . . . . . OA 3401.6  
 Defined . . . . . 3402.1  
 Dispensing, use, mixing and handling . . . . . 3405.3, 3405.3.8  
 Important building (defined) . . . . . OA 3402.1  
 In construction and demolition . . . . . 1405  
 Indoor storage . . . . . 3404.3.3  
 Labeling and signage . . . . . 3403.5  
 Motor fuel . . . . . 2206  
 Motor vehicle fueling . . . . . OA 2206.2.3  
 Outdoor storage . . . . . 3404.4  
 Portable fire extinguisher . . . . . 3406.2.7  
 Special operations . . . . . 3406  
 Tank storage . . . . . 3404.2  
 Tents, air-inflated and tensioned membrane structures . . . . . 2404.17  
 Waste control . . . . . 3406.3.3  
 Wholesale and resale use . . . . . 3404.3.6

**FLAMMABLE MATERIAL**  
 Defined . . . . . 202  
 Furnishings . . . . . 805  
 Grandstands and bleachers . . . . . 304.1.3  
 Haz. mat. exhausted enclosures . . . . . 2703.8.5.3  
 Industrial ovens . . . . . 2102.1  
 Organic coating . . . . . 2006.1

**FLAMMABLE SOLID** . . . . . Chapter 36  
 Defined . . . . . 3602.1

Indoor storage . . . . . 3604.1  
 Magnesium . . . . . 3606  
 Outdoor storage . . . . . 3606  
 Requirements . . . . . 3603  
 Use . . . . . 3605

**FLAMMABLE VAPOR AREA**  
 Alarms . . . . . 1504.8.1.1  
 Defined. . . . . 1502.1  
 Electrical equipment . . . . . 1503.2.1  
 Ignition sources . . . . . 1503.2  
 Ventilation . . . . . 1504.7, 1505.7  
 Warning signs . . . . . 1503.2.7

**FLAMMABLE VAPORS OR FUMES**  
 Defined. . . . . 2702.1

**FLARES** . . . . . 305.3, 308.1.6.1

**FLASH POINT**  
 Defined. . . . . 3402.1

**FLEET FUELING** . . . . . 3406.5.4.5

**FLEET VEHICLE MOTOR FUEL-DISPENSING FACILITY**  
 Defined. . . . . 2202.1  
 Tanks . . . . . 2206.2.4.2

**FLEXIBLE JOINTS** . . . . . 2206.7.9.1.4, 3403.6.9

**FLOOR AREA, GROSS**  
 Defined. . . . . 1002.1

**FLOOR AREA, NET**  
 Defined. . . . . 1002.1

**FLOOR FINISHING** . . . . . 1510  
 Permit . . . . . 105.6.17

**FLOOR LOADING**  
 Live load posted . . . . . IBC 106.1

**FLOOR OPENINGS AND SHAFTS** . . . . . 704

**FLUIDIZED BED** . . . . . 1506  
 Defined. . . . . 1502.1

**FOAM-EXTINGUISHING SYSTEMS** . . . . . 904.7, NFPA 16, NFPA 11, NFPA 11A  
 Defined. . . . . 902.1

**FOAM PLASTICS** . . . . . 803.7, 804.2, 807.4.2.1, 808.2

**FOGGING, THERMAL INSECTICIDAL (see FUMIGATION AND THERMAL INSECTICIDAL FOGGING)** . . . . . Chapter 17

**FOLDING AND TELESCOPIC SEATING**  
 Defined. . . . . 1002.1

**FOOD PROCESSING**  
 Explosions . . . . . NFPA 61

**FORK LIFTS** . . . . . 309, 1503.2.8, 2703.7.3, 3803.2.2

**FRUIT AND CROP RIPENING** . . . . . Chapter 16  
 Ethylene gas . . . . . 1603  
 Heating. . . . . 1604.5  
 Permit . . . . . 105.6.18

Sources of ignition . . . . . 1604  
 Warning signs . . . . . 1607

**FUEL-DISPENSING STATIONS (see also MOTOR FUEL DISPENSING FACILITIES)** . . . Chapter 22, NFPA 30A

**FUEL-FIRED APPLIANCES** . . . . . 603  
 Chimneys . . . . . 603.2, 603.6  
 Heating. . . . . 603.5  
 Installation . . . . . 603.1

**FUEL GAS CODE** . . . . . OMSC Appendix C

**FUEL LIMIT SWITCH** . . . . . 3406.5.4.5  
 Defined. . . . . 3402.1

**FUEL OIL STORAGE** . . . . . 603.3  
 Inside storage . . . . . 603.3.2  
 Underground storage . . . . . 603.3.3  
 Storage tanks. . . . . OA 603.1.1, 3401.6

**FUELED EQUIPMENT** . . . . . 313  
 Permit . . . . . 105.6.26

**FUMIGANT**  
 Defined. . . . . 1702.1

**FUMIGATION AND THERMAL INSECTICIDAL FOGGING** . . . . . Chapter 17  
 Breathing apparatus . . . . . 1703.3.2  
 Cleanup . . . . . 1703.6  
 Defined. . . . . 1702.1  
 Electricity . . . . . OA 1703.2.1  
 Fire safety requirements . . . . . 1703  
 Notification . . . . . 1703.3  
 Permit . . . . . 105.6.19  
 Sealing of building . . . . . 1703.5  
 Warning signs . . . . . 1703.3.1  
 Watch personnel . . . . . 1703.3.3

**FURNACE CLASS A**  
 Defined. . . . . 2102.1

**FURNACE CLASS B**  
 Defined. . . . . 2102.1

**FURNACE CLASS C**  
 Defined. . . . . 2102.1

**FURNACE CLASS D**  
 Defined. . . . . 2102.1

**FURNISHINGS** . . . . . 808

**FURNITURE, UPHOLSTERED** . . . . . 805

**FUSIBLE LINKS** . . . . . 703.2, 904.5.2, 904.6.2, 904.11.6.3

**G**

**GARAGE (see REPAIR GARAGE)**

**GARAGING** . . . . . 3811  
 LPG tank vehicles . . . . . 3811.3

Tank vehicles for flammable and combustible liquids . . . . . 3406.6.3

**GAS CABINET** . . . . . 2703.8.6, 3003.7.10, 3006.2.3, 3704.1.2

Defined . . . . . 2702.1

**GAS CONTAINER PROTECTION** . . . . . 3003.5.2

**GAS DETECTION SYSTEM, CONTINUOUS**

Defined . . . . . 1802.1

Emergency alarm systems . . . . . 908

HPM gases . . . . . 1803.13

Ozone gas . . . . . 3705.3.2

**GAS METERS** . . . . . 603.9

**GAS- OR LIQUID-FUELED VEHICLES** . . . . . 314.4, 2404.18

Permit . . . . . 105.6.26

**GAS ROOM** . . . . . 2703.8.4, 3704.2.2.6

Defined . . . . . 2702.1

**GATES, FIRE APPARATUS ROAD** . . . . . 503.5, 503.6

**GATES, MEANS OF EGRESS** . . . . . 1008.2

**GENERAL REQUIREMENTS** . . . . . Chapter 3

**GENERATORS**

Acetylene . . . . . 2608

Ethylene . . . . . 1606

Fuel supply . . . . . 604.1, NFPA 110

Portable . . . . . 2608.2

Stationary . . . . . 604.1.1

Tents or membrane structures . . . . . OA 2404.19

**GLASS-FIBER-REINFORCED PLASTICS**

Manufacturing . . . . . 1509

Storage . . . . . 1509.4

Ventilation . . . . . 1509.6

**GRADE FLOOR OPENING**

Defined . . . . . 202

**GRADE PLANE**

Defined . . . . . 202

**GRANDSTAND** . . . . . 304.1.3, 1028.1.1, NFPA 102

Defined . . . . . 1002.1

**GROUP A OCCUPANCY**

Announcements . . . . . 408.2.2

Automatic sprinklers . . . . . 903.2.1

Decorations . . . . . 806, 807

Emergency power . . . . . 604.2.1

Exiting . . . . . 1028

Fire alarm . . . . . 907.2.1

Foam plastics . . . . . 807.4.2

Pyroxylin plastic . . . . . 807.3

Seating plan . . . . . 408.2.1

Standpipes . . . . . 905.3.2, 905.5.1

**GROUP B OCCUPANCY**

Aisle width . . . . . 1017.2

Fire alarm . . . . . 907.2.2

**GROUP E OCCUPANCY**

Artwork . . . . . 807.4.3.2

Assembly points . . . . . 408.3.4

Automatic sprinklers . . . . . 903.2.3

Decorations . . . . . 806, 807

Evacuation drill . . . . . 408.3.1

Fire alarm . . . . . 907.2.3

Storage in corridor . . . . . 807.4.3.1

**GROUP F OCCUPANCY**

Automatic sprinklers . . . . . 903.2.4

Exit travel distance . . . . . Table 1016.1

Fire alarms . . . . . 907.2.4

Smoke vents . . . . . 910.2.1

Standby power . . . . . 604.2.14.3

**GROUP H OCCUPANCY**

Automatic sprinklers . . . . . 903.2.5

Egress travel . . . . . 1014.3

**GROUP H-4 OCCUPANCY**

Emergency power . . . . . 604.2.10

**GROUP H-5 OCCUPANCY**

Automatic sprinklers . . . . . 903.2.5.2, 1803.10

Emergency alarm . . . . . 908.2

Emergency drills . . . . . 408.4.4

Emergency power . . . . . 604.2.11, 1803.15

Emergency response team . . . . . 408.4.3

Fire alarm . . . . . 907.2.5, 1803.11

Plans and diagrams . . . . . 408.4.1

**GROUP I OCCUPANCY**

Automatic sprinklers . . . . . 903.2.6

Fire alarm . . . . . 907.2.6

**GROUP I-1 OCCUPANCY**

Decorations . . . . . 806, 807

Emergency escape and rescue . . . . . 1029

Fire alarm . . . . . 907.2.6.1

Mattresses . . . . . 805.1.2

Safety and evacuation plan . . . . . 408.5.1

Smoke alarm . . . . . 907.2.6.1.1

Training . . . . . 408.5.2, 408.5.3

Upholstered furniture . . . . . 805.1.1

**GROUP I-2 OCCUPANCY**

Coded alarm signal . . . . . 408.6.2

Decorations . . . . . 806, 807

Evacuation . . . . . 408.6.1

Exit access . . . . . 1014.2.2

Fire alarm . . . . . 907.2.6.2

Mattresses . . . . . 805.2.2

Upholstered furniture . . . . . 805.2.1

**GROUP I-3 OCCUPANCY**

Decorations . . . . . 806, 807

Fire alarm . . . . . 907.2.6.3

Keys . . . . . 408.7.4

INDEX

Mattresses . . . . . 805.3.2  
Power-operated doors and locks . . . . . 604.2.16  
Staffing . . . . . 408.7.2  
Training . . . . . 408.7.1  
Upholstered furniture . . . . . 805.3.1  
Wastebaskets . . . . . 808.1

**GROUP I-4 OCCUPANCY (DAY CARE FACILITIES)**  
Artwork . . . . . 807.4.4.2  
Storage in corridor . . . . . 807.4.4.1

**GROUP M OCCUPANCY**  
Aisle width . . . . . 1017.2  
Automatic sprinklers . . . . . 903.2.7  
Decorations . . . . . 806, 807  
Fire alarm . . . . . 907.2.7

**GROUP R-1 OCCUPANCY**  
Automatic sprinklers . . . . . 903.2.8  
Decorations . . . . . 806, 807  
Emergency duties . . . . . 408.8.2  
Emergency escape and rescue . . . . . 1029  
Evacuation diagrams . . . . . 408.8.1  
Fire alarm . . . . . 907.2.8  
Fire protection system . . . . . 903.3.1.2  
Smoke alarm . . . . . 907.2.8.3

**GROUP R-2 OCCUPANCY**  
Automatic sprinklers . . . . . 903.2.8  
Decorations . . . . . 806, 807  
Emergency escape and rescue . . . . . 1029  
Emergency guide . . . . . 408.9.1  
Fire alarm . . . . . 907.2.9  
Fire protection system . . . . . 903.3.1.2  
Smoke alarm . . . . . 907.2.9.2

**GROUP R-3 OCCUPANCY**  
Automatic sprinkler . . . . . 903.3.1.3  
Smoke alarm . . . . . 907.2.11.2

**GROUP R-4 OCCUPANCY**  
Automatic sprinklers . . . . . 903.2.8  
Decorations . . . . . 806  
Drill . . . . . 408.10.4  
Emergency escape and rescue . . . . . 1029  
Evacuation plan . . . . . 408.10.1  
Fire protection system . . . . . 903.3.1.2  
Smoke alarm . . . . . 907.2.10.3

**GROUP SR OCCUPANCY** . . . . . OA Appendix SR

**GROUP S OCCUPANCY**  
Automatic sprinklers . . . . . 903.2.9, 903.2.10  
Exit travel distance . . . . . Table 1016.1  
Smoke vents . . . . . 910.2.1  
Standby power . . . . . 604.2.14.3

**GUARD** . . . . . 1010.10, 1013, 1028.14  
Defined . . . . . 1002.1

**GUARD POSTS**  
Container and tank . . . . . 2206.4  
Design and construction . . . . . 312.2  
Flammable liquid tank, piping . . . . . 3404.2.9.7.5  
Fuel dispensers . . . . . 3404.2.9.7.5  
Gas meters . . . . . 603.9  
Hazardous materials . . . . . 2703.9.3  
Hydrants . . . . . 507.5.6  
Hydrogen systems . . . . . 2209.5.1  
LPG tanks and piping . . . . . 2207.5.3, 3807.4, 3809.13  
Specifications . . . . . 312

**GYP SUM BOARD**  
Defined . . . . . 202

H

**HABITABLE SPACE**  
Defined . . . . . 202

**HALOGENATED EXTINGUISHING SYSTEM** . . . . . 904.9, NFPA 12A  
Defined . . . . . 902.1

**HAND RUB, ALCOHOL-BASED (see ALCOHOL-BASED HAND RUB)**

**HANDLING**  
Defined . . . . . 2702.1

**HANDRAIL** . . . . . 1009.12, 1010.8, 1012  
Defined . . . . . 1002.1

**HANGARS, AIRCRAFT (see AIRCRAFT RELATED OCCUPANCIES, FIRE PROTECTION FOR)**

**HANGERS, FIRE EXTINGUISHER** . . . . . 906.7

**HARDENING TANKS** . . . . . 1505.9

**HARDWARE, EXIT DOOR** . . . . . 1008.1.8

**HARDWARE, PANIC** . . . . . 1008.1.9

**HAUNTED HOUSES** . . . . . OA Appendix K  
General . . . . . OA K101  
General requirements . . . . . OA K103  
Permits . . . . . OA K102

**HAY** . . . . . 2903.4  
Combustible waste . . . . . 304.1.1  
Storage . . . . . 2405.5, 2903.4

**HAZARD CATEGORIES** . . . . . Appendix E

**HAZARD COMMUNICATION** . . . . . 407  
Hazardous materials inventory statement . . . . . 407.5  
Hazardous materials management plan . . . . . 407.6  
Training . . . . . 407.4

**HAZARD RANKING** . . . . . Appendix F

**HAZARDOUS CONDITIONS** . . . . . 310.8

**HAZARDOUS MATERIALS**  
Defined . . . . . 2702.1  
Fire-extinguishing systems . . . . . 2704.5, 2705.1.8  
General . . . . . Chapter 27  
Identification signs . . . . . 2703.5



Outdoor control areas . . . . . 2703.12  
 Permit . . . . . 105.6.20  
 Personnel training . . . . . 407.4  
 Power systems . . . . . 604.2.10  
 Requirements . . . . . 2703  
 Scope . . . . . OA 2701.1  
 Storage . . . . . 2704  
 Use, dispensing and handling . . . . . 2705

**HAZARDOUS MATERIALS  
 INVENTORY STATEMENT** . . . . . 407.5, 2701.5.2

**HAZARDOUS MATERIALS  
 MANAGEMENT PLAN** . . . . . 407.6, 2701.5.1

**HAZARDOUS PRODUCTION MATERIAL (HPM)**  
 Defined . . . . . 1802.1  
 Fire extinguishing systems . . . . . 1803.10  
 Permits . . . . . 105.6.21

**HAZARDS TO FIRE FIGHTERS** . . . . . 316

**HEALTH CARE FACILITIES** . . . . . NFPA 99

**HEALTH HAZARD**  
 Defined . . . . . 2702.1

**HEAT VENTS (see SMOKE AND HEAT VENTS)**

**HEATERS, PATIO (see PORTABLE OUTDOOR  
 GAS-FIRED HEATING APPLIANCES)**

**HEATERS, PORTABLE ELECTRIC SPACE** . . . 605.10

**HEATERS, PORTABLE UNVENTED** . . . . . 603.4

**HEATING EQUIPMENT, TEMPORARY,  
 DURING CONSTRUCTION** . . . . . 1403

**HEIGHT, BUILDING**  
 Defined . . . . . 202

**HELIPORT** . . . . . 1107, NFPA 418  
 Defined . . . . . 1102.1  
 Permit for rooftop heliport . . . . . 105.6.40

**HELISTOP** . . . . . 1107  
 Defined . . . . . 1102.1  
 Exits . . . . . 1021.1.3  
 Standpipes . . . . . 905.3.6

**HI-BOY**  
 Construction . . . . . 303.7  
 Defined . . . . . 302.1

**HIGH-PILED COMBUSTIBLE STORAGE.** . Chapter 23  
 Aisles . . . . . 2306.9  
 Automated storage . . . . . 2309  
 Automatic sprinklers . . . . . 2306.4, 2309.2  
 Classifications, commodities . . . . . 2303  
 Defined . . . . . 2302.1  
 Fire alarm . . . . . 907.2.15  
 Fire apparatus access . . . . . 503.1.3  
 Fire protection . . . . . 2306, Table 2306.2  
 Housekeeping . . . . . 2305  
 Smoke and heat vents . . . . . 910, 2306.7  
 Standpipes . . . . . 905, 2306.8

**HIGH-PILED STORAGE AREA**  
 Defined . . . . . 2302.1  
 Designations . . . . . 2304  
 Permit . . . . . 105.6.22

**HIGH-RISE BUILDINGS**  
 Automatic sprinkler system . . . . 903.2.10.3, 914.3.1  
 Automatic sprinkler system,  
 floor control valves required . . . . . 903.4.3  
 Automatic sprinkler system,  
 secondary water supply required . . . . . 903.3.5.2  
 Emergency evacuation drills . . . . . 405  
 Emergency voice/alarm  
 communications system . . . . . 907.2.13, 914.3.3  
 Fire alarm system . . . . . 907.2.13, 914.3.2  
 Fire alarm system zoning . . . . . 907.7.3.2  
 Fire command center . . . . . 509.1, 914.3.5  
 Fire department  
 communications system . . . . . 907.2.13.2, 914.3.4  
 Fire safety and evacuation plans . . . . . 404  
 Smokeproof exit stairway enclosures . . . . . 1022.1.7  
 Standby power system . . . . . 604.2.15  
 Standpipe system . . . . . 905.3.1

**HIGHLY COMBUSTIBLE GOODS** . . . . . 314.3

**HIGH-VOLTAGE TRANSMISSION LINE**  
 Defined . . . . . 302.1  
 Storage under . . . . . 315.4, 316.5.2

**HIGHLY TOXIC.** . . . . . Chapter 37  
 Compressed gases . . . . . 3704  
 Defined . . . . . 3702.1  
 Indoor storage and use . . . . . 3703.1  
 Outdoor storage and use . . . . . 3703.2.5  
 Solids and liquids . . . . . 3703

**HIGHWAY**  
 Defined . . . . . 3302.1

**HISTORIC BUILDINGS** . . . . . 102.5, NFPA 914  
 Defined . . . . . 202

**HOGGED MATERIALS** . . . . . 1907, 1908  
 Defined . . . . . 1902.1

**HOOD (see COMMERCIAL KITCHEN)** . . . . . 609  
 Defined . . . . . 602.1

**HORIZONTAL ASSEMBLY**  
 Defined . . . . . 202

**HORIZONTAL EXITS  
 (see EXIT HORIZONTAL)** . . . . . 1025

**HOSE** . . . . . 2207.5.2, 2210.3.3  
 Aircraft fueling . . . . . 1106  
 Conductive . . . . . 1106.5.2.1  
 Connections for standpipes . . . . . 905.3.4.1,  
 905.4, 905.5, 905.6  
 Dispensing . . . . . 1106.3.3, 2206.7.5  
 Protection . . . . . 1106.7, 3406.6.1.11

System . . . . . 904.8.4, 904.9.3, 904.10.3  
 Threads . . . . . 903.3.6  
**HOSPITALS AND MENTAL HOSPITALS (Group I-2)**  
 Defined . . . . . 202  
**HOT ASHES** . . . . . 305.2  
**HOT WORK (see WELDING AND OTHER HOT WORK)** . . . . . Chapter 26  
 Defined. . . . . 2602.1  
 Permit . . . . . 105.6.23  
**HOT WORK AREA**  
 Defined. . . . . 2602.1  
**HOT WORK EQUIPMENT**  
 Defined. . . . . 2602.1  
**HOT WORK PERMITS** . . . . . 105.6.23  
 Defined. . . . . 2602.1  
**HOT WORK PROGRAM**  
 Defined. . . . . 2602.1  
**HOUSEKEEPING**  
 Combustible fiber operation . . . . . 2903.1, 2903.2  
 Combustible material . . . . . 305.1, 307.4.1, 308.1.5  
 Combustible or flammable liquid spills . . . . . 1903.3.1  
 Construction sites . . . . . 3406.2.1  
 Dust . . . . . 1303.2, 1903.3.1  
 Explosive magazine . . . . . 3304.7.3, 3304.8.1  
 Flammable and combustible liquid storage area . . . . . 1405.3  
 Fuel-dispensing stations . . . . . 2205.7, 2210.5.1  
 Hazardous material operations. . . . . 2705.3.8  
 High-piled storage area. . . . . 2305  
 Hot works area . . . . . 2604.1.3  
 LPG-tanks . . . . . 3807.3  
 Rubbish. . . . . 304.1, 304.2  
 Tank and storage areas . . . . . 3404.2.6, 3404.2.10.4, 3404.4.2.3, 3404.4.6, 3406.2.1, 3406.3.2.2  
 Tent, canopy and membrane structures. . . . . 2404.5, 2404.22  
 Vacant premises . . . . . 311.3  
**HPM FACILITY (see SEMICONDUCTOR FABRICATION FACILITY)**  
**HPM FLAMMABLE LIQUID**  
 Defined. . . . . 1802.1  
**HPM ROOM** . . . . . 1803.3.4, 1803.12.1.3, 1803.13.1.2  
 Defined. . . . . 1802.1  
**HYDRANTS (see FIRE HYDRANTS)**  
**HYDROELECTRIC GENERATING PLANTS** . . . . . NFPA 851  
**HYDROGEN** . . . . . 3201.1, 3501.1, NFPA 50A and 50B

**HYDROGEN MOTOR FUEL-DISPENSING FACILITIES** . . . . . 2209  
 Defueling . . . . . 2211.8  
 Repair garages . . . . . 2211.7  
**HYPOBARIC FACILITIES** . . . . . NFPA 99B

I

**IGNITION SOURCES** . . . . . 305, 308.1.2  
**IMMEDIATELY DANGEROUS TO LIFE AND HEALTH (IDLH)**  
 Defined. . . . . 2702.1  
**IMPACT PROTECTION, VEHICLE** . . . . . 312  
**IMPAIRMENT COORDINATOR** . . . . . 901.7.1  
 Defined. . . . . 902.1  
**IMPORTANT BUILDING**  
 Defined. . . . . OA Chapter 2, 3402.1  
**INCINERATORS** . . . . . 603.8, NFPA 82  
 Room egress . . . . . 1015.3  
**INCOMPATIBLE MATERIALS** . . . . . 2703.9.8, 2703.10.3.6, 2703.11.3.7, 2704.2.2.2, 2704.4, 2705.1.1, 3003.7.1, 3404.2.6, 3404.3.3.2  
 Defined. . . . . 2702.1  
**INDOOR DISPLAY** . . . . . 314  
 Flame effects . . . . . NFPA 160  
**INDUSTRIAL OVENS** . . . . . Chapter 21, NFPA 86  
 Fire protection . . . . . 2106  
 Fuel piping. . . . . 2104  
 Interlocks. . . . . 2105  
 Location. . . . . 2103  
 Operation and maintenance . . . . . 2107  
 Permits . . . . . 105.6.24  
**INDUSTRIAL TRUCKS** . . . . . 309  
**INERT GAS** . . . . . 1601.1, 2006.4, 2211.8.2, 3005.8, 3403.6.3.1, 3405.2.2  
 Defined . . . . . 202  
**INHABITED BUILDING**  
 Defined. . . . . 3302.1  
**INITIATING DEVICE** . . . . . 1803.12.2, 2704.9, 2705.4.4  
 Defined. . . . . 902.1  
**INSECTICIDAL FOGGING (see FUMIGATION AND THERMAL INSECTICIDAL FOGGING)** . . . . . Chapter 17  
**INSPECTION** . . . . . 104.6.2, 105.2.2, 106, 107.2.1, 901.6  
 Emergency and standby power system . . . . . 604.3.1, 604.4  
 Fire department connections . . . . . 912.6  
 Fire hydrant . . . . . 508.5.2  
 Fireworks display . . . . . 3308.5.3, 3308.9  
 Hose . . . . . 2609.7

Magazines .....3304.9  
 Masonry chimneys ..... 603.6.1  
 Tents.....2403.7

**INSTITUTIONAL OCCUPANCIES**  
 Defined .....202  
 Parking near..... 3406.6.2.1, 3811.2.1

**INTERIOR FINISH** ..... Chapter 8  
 Defined .....202

**INTERIOR FLOOR-WALL BASE** ..... 804.3  
 Defined.....802.1

**INTERIOR WALL AND CEILING FINISH** ..... 803.8.4  
 Defined .....202

**INTERIOR WALL AND CEILING FINISH AND TRIM** ..... 803, 804

**INVESTIGATIONS, FIRE** ..... 104.10

**IRRITANT** .....316.3, 3007.1  
 Defined .....202

**ISO-BUTANE (see LIQUEFIED PETROLEUM GAS)** ..... Chapter 38

**J**

**JURISDICTION**  
 Defined.....502.1

**K**

**KEROSENE HEATERS** .....603.4

**KETTLES [see ORGANIC COATING OR ASPHALT (Tar) KETTLES]**

**KEY BOX** .....506  
 Defined.....502.1  
 Maintenance .....506.2  
 Required.....506.1

**KITCHEN, GREASE HOODS (see COMMERCIAL KITCHEN HOODS)** ..... 609, 904.2.1  
 Operation and maintenance ..... 904.11.6

**L**

**LABELED**  
 Defined .....202

**LABORATORIES**  
 Chemical.....2703.9.9, NFPA 45  
 School ..... 907.2.3, 2703.9.9, 4604.5

**LASER FIRE PROTECTION** ..... NFPA 115

**LADDERS** ..... 1015.3, 1015.4, 1015.6.1, 1021.1.3, 1029.5.2, 3404.1.8.15, 4604.16.6

**LAUNDRY CARTS** .....317.1

**LEAD-ACID BATTERY SYSTEM, STATIONARY (see BATTERY SYSTEMS, STATIONARY STORAGE)** .....608

**LEAD-ACID BATTERY SYSTEM, VALVE-REGULATED (see BATTERY SYSTEMS, STATIONARY STORAGE)**..... 608

**LEAKS**

Compressed gases .....3003.12  
 Cryogenic fluids .....3203.10  
 Explosive materials .....3304.10  
 Flammable and combustible liquids..... 1106.11.1, 1405.6, 2205.2.3, 2206.7.7.1, 3403.3, 3403.6.3.1, 3404.2.7.10, 3404.2.11.5, 3406.6.1.1  
 Highly toxic and toxic materials ..... 3704.2.2.3, 3704.2.2.4, 3704.3.2.2

**LIABILITY** ..... 103.4

**LIGHTNING PROTECTION** ..... NFPA 780

**LIMITED SPRAYING SPACE** ..... 1504.9  
 Defined.....1502.1

**LINEN CHUTES** .....903.2.11.2

**LINEN CONTAINERS** .....808.1

**LINEN HANDLING SYSTEMS** ..... NFPA 82

**LIQUEFIED NATURAL GAS (LNG)** ..... NFPA 59 and 59A  
 Defined.....2202.1

**LIQUEFIED PETROLEUM GAS (LP-gas)** ..... Chapter 38, NFPA 58

Construction documents ..... OA 3801.3  
 Containers defined.....3802.1  
 Containers not in service ..... 3810  
 Cooking device ..... OA 308.1.4  
 Defined.....3802.1  
 Dispensing and overfilling..... 3806  
 Fire protection .....3808  
 Installation of equipment..... 3803  
 Location of containers ..... 3804, OA Table 3804.3  
 Motor fuel-dispensing facilities..... OA 2207.1  
 Parking and garaging ..... 3811  
 Permit .....105.6.27  
 Prohibited use .....3805  
 Scope..... OA 3801.1  
 Storage .....3809  
 Utility gas plants ..... NFPA 59

**LIQUID**  
 Defined.....2702.1

**LIQUID LEVEL LIMIT CONTROL** ..... 2703.2.7, 2705.1.4.1, 2705.1.4.2

**LIQUID- OR GAS-FUELED VEHICLES** .....314.4, 2404.18  
 Permit .....105.6.26

**LIQUID OXYGEN AMBULATORY CONTAINER** ..... 4006.3.1, 4006.3.5, 4006.3.6.1  
 Defined.....4002.1

**LIQUID OXYGEN HOME CARE CONTAINER** . . . . . 4006.3  
 Defined. . . . . 4002.1

**LIQUID OXYGEN IN HOME HEALTH CARE** . . . . 4006

**LIQUID STORAGE ROOM** . . . . . 2804.5, 3404.3.7  
 Defined. . . . . 3402.1

**LIQUID STORAGE WAREHOUSE** . . . . . 3404.3.8  
 Defined. . . . . 3402.1

**LISTED**  
 Defined . . . . . 202

**LOADING RACKS** . . . . . 3406.3.8, 3406.5.1.12

**LOCKDOWN**  
 Defined. . . . . 402.1  
 Plans . . . . . 404.3.3

**LOG STORAGE** . . . . . 1906

**LONGITUDINAL FLUE SPACE** . . . . . Table 2308.3  
 Defined. . . . . 2302.1

**LOT**  
 Defined . . . . . 202

**LOT LINE**  
 Defined . . . . . 202

**LOW-PRESSURE TANK**  
 Defined. . . . . 3202.1

**LOWER EXPLOSIVE LIMIT (LEL)**  
 Defined. . . . . 2702.1

**LOWER FLAMMABLE LIMIT (LFL)**  
 Defined. . . . . 2702.1

**LP-GAS**  
 (see LIQUEFIED PETROLEUM GAS) . . . Chapter 38

**LUMBER YARDS AND WOODWORKING FACILITIES** . . . . . Chapter 19  
 Access plan . . . . . 1903.7  
 Conveyor rooms. . . . . 1908.7  
 Emergency plan . . . . . 1908.10  
 Fire alarms. . . . . 907.2.17, 1904.1  
 Fire protection. . . . . 1904  
 General . . . . . 1903  
 Log storage areas . . . . . 1906  
 Open yards. . . . . 1903.1  
 Permit . . . . . 105.6.25  
 Size of piles. . . . . 1907.2, 1908.3  
 Waste removal . . . . . 1903.3

**LUMINOUS EGRESS PATH MARKINGS** . . . . . 1024

**M**

**MAGAZINE** . . . . . 3304.6, NFPA 495  
 Defined. . . . . 3302.1

**MAGNESIUM**  
 Defined. . . . . 3602.1  
 Permit . . . . . 105.6.28  
 Storage . . . . . 3606.2, 3606.3, 3606.4

Use. . . . . 3606.5

**MALL (see COVERED MALL BUILDING)**

**MANIFOLDS**  
 Cylinders . . . . . 2609.4  
 Identification. . . . . 2609.5  
 Piping . . . . . 2609

**MANUAL FIRE ALARM BOX** . . . . . 907.5.2  
 Defined. . . . . 902.1

**MANUAL STOCKING METHODS** . . . . . 2305.4  
 Defined. . . . . 2302.1

**MANUFACTURE OF ORGANIC COATINGS** . . . . . Chapter 20

**MARINAS**. . . . . Chapter 45, NFPA 303

**MARINE MOTOR FUEL-DISPENSING FACILITY** . . . . . 2210  
 Defined. . . . . 2201.2  
 Fire protection . . . . . 2210.6  
 Fueling . . . . . 2210.4  
 General . . . . . 2210.1  
 Nozzles . . . . . 2210.3.3

**MARINE TERMINALS, PIERS AND WHARVES** . . . . . NFPA 307

**MARINE VESSEL GAS HAZARDS** . . . . . NFPA 306

**MARKING (see also PLACARDS, PLACARDING)** . . . . . 503.3, 909.14, 2703.5.1  
 Compressed gas . . . . . 3003.2  
 Cryogenic containers . . . . . 3203.4  
 Shaft-way . . . . . 507.2  
 Tank. . . . . 3406.2.2  
 Warnings . . . . . 2703.8.7.2

**MATERIAL SAFETY DATA SHEET (MSDS)**. . . . 407.2, 2703.4  
 Aerosols . . . . . 2801.3  
 Defined. . . . . 2702.1

**MATTRESSES (in Groups I and R)** . . . . . 805

**MAXIMUM ALLOWABLE QUANTITY PER CONTROL AREA** . . . . . Tables 2703.1.1(1) through 2703.1.1(4), 2703.11  
 Defined. . . . . 2702.1

**MEANS OF EGRESS** . . . . Chapter 10, 1411, 2403.12  
 Abatement of inadequate egress . . . . . OA 1001.3  
 Accessible means of egress . . . . . 1007  
 Assembly. . . . . 1028  
 Bleachers . . . . . 1028.1.1  
 Buildings under construction or demolition. . . . 1411  
 Controlled egress locks . . . . . OA 1008.1.9.7.1  
 Corridors . . . . . 1018, 4604.17  
 Defined. . . . . 1002.1  
 Delayed egress locks. . . . . 1008.1.9.7  
 Door swing . . . . . 1008.1.2, ORS 479.150  
 Egress court . . . . . 1002.1, 1027.5

- Elevators, escalators and moving walks . . . . . 1003.7, 4604.2
- Emergency escape and rescue . . . . . 1029
- Existing buildings . . . . . 4604
- Exit access . . . . . 1014
- Exit discharge . . . . . 1027
- Exits . . . . . 1005
- General . . . . . OA 4604.1
- Guards . . . . . 1013, 4604.6
- Handrails . . . . . 1009.10, 1010.8, 1012, 1028.13
- Illumination . . . . . 1006
- Locks and latches . . . . . 1008.1.8
- Maintenance of . . . . . 1030
- Obscuration of . . . . . 316.4
- Occupancies . . . . . 1004.9
- Ramps . . . . . 1010
- Signs . . . . . 1011
- Stairways . . . . . 1009
- Stairway signs . . . . . 1022.8, 1022.8.1
- MECHANICAL REFRIGERATION (see REFRIGERATION SYSTEM)** . . . . . 606
- MECHANICAL ROOM**
- Exits . . . . . 1015.4
- Storage . . . . . 315.2.3
- MECHANICAL STOCKING METHODS**
- Defined . . . . . 2302.1
- MEDICAL GAS SYSTEMS** . . . . . 3006
- MEMBRANE STRUCTURE**
- Defined . . . . . 2402.1
- Emergency power . . . . . 604.2.9
- Permits . . . . . 105.6.43
- MENTAL HOSPITAL (see HOSPITALS AND MENTAL HOSPITAL)**
- MERCHANDISE PAD** . . . . . 1014.4.2
- Defined . . . . . 1002
- METAL, HYDRIDE AND METAL HYDRIDE STORAGE SYSTEMS** . . . . . 3507
- Defined . . . . . 3502.1
- METER, GAS** . . . . . 603.9
- MEZZANINE** . . . . . 1004.6
- Defined . . . . . 202
- MILLS**
- Composite board . . . . . 1905
- Plywood . . . . . 1905
- Process . . . . . 2006
- Veneer . . . . . 1905
- MIRRORS** . . . . . 1028.5
- MOBILE FUELING** . . . . . 3406.5.4.5
- Defined . . . . . 3402.1
- MOBILE HOME** . . . . . NFPA 501A
- MODEL ROCKETRY** . . . . . NFPA 1122, 1127
- MODIFICATIONS (of code requirements)** . . . . . 104.8

- MORTAR** . . . . . 3308.6, NFPA 1123
- Defined . . . . . 3302.1
- MOTION PICTURE PROJECTION ROOMS AND MOTION PICTURE PRODUCTION STUDIOS, SOUND STAGES AND APPROVED PRODUCTION FACILITIES AND FILM** . . . . . 306, 807.4.2.2
- Film storage . . . . . 306.2
- MOTORCYCLES**
- Storage . . . . . 313
- MOTOR FUEL-DISPENSING FACILITIES (see also TYPE OF FUEL)** . . . . . Chapter 22
- Above-ground tanks . . . . . OA 2206.2.3, OA Table 2206.2.3
- Emergency break-away (CNG) . . . . . OA 2208.6.1
- Emergency shutdown . . . . . OA 2208.7
- Limited application . . . . . OA 2202.2.1.1
- LPG fueling . . . . . OA 2207.1
- Nonretail dispensing . . . . . OA 2204.3, 2204.3.1, OA 2204.3.2, OA 2204.3.7
- Permits . . . . . 105.6.39
- Piers, wharves and floats . . . . . 2210
- Sources of ignition . . . . . OA 2205.4
- MOTORIZED EQUIPMENT** . . . . . 1416
- MOTOR-SPORTS VENUES** . . . . . NFPA 610
- MULTIPLE-STATION ALARM DEVICE**
- Defined . . . . . 902.1
- MULTIPLE-STATION SMOKE ALARM** . . . . . 907.2.11, 4603.7
- Defined . . . . . 902.1
- MULTI-PLUG ADAPTER** . . . . . 605.4

**N**

- NATURAL GAS** . . . . . NFPA 54
- NEIGHBORHOOD STREET DESIGN GUIDELINE** . . . . . D101.1
- NESTING** . . . . . 3003.3.5, 3203.5.2
- Defined . . . . . 3002.1
- NET EXPLOSIVE WEIGHT**
- Defined . . . . . 3302.1
- NITROCELLULOSE** . . . . . 2008.1, 2009.4
- NONREQUIRED FIRE PROTECTION SYSTEMS** . . . . . 901.4.2
- NORMAL TEMPERATURE AND PRESSURE (NTP)**
- Defined . . . . . 2702.1
- NOSING**
- Defined . . . . . 1002.1
- NOTICE OF VIOLATION** . . . . . 109.2
- NOZZLES**
- Fuel delivery . . . . . 2206.7.6
- Fuel transfer . . . . . 1106.3.3
- Marine craft . . . . . 2210.3.3



**NUISANCE ALARM** ..... 907.9.3  
 Defined ..... 902.1  
**NURSING HOME (Occupancy Group I-2)**  
 Defined ..... 202

**O**

**OBSTRUCTIONS TO SPRINKLER DISCHARGE** ..... 315.2.1, 903.3.3  
**OCCUPANCY, CHANGE OF (see CHANGE OF OCCUPANCY)**  
**OCCUPANCY CLASSIFICATION**  
 Defined ..... 202  
 Assembly Group A  
 Defined ..... 202  
 Business Group B  
 Defined ..... 202  
 Educational Group E  
 Defined ..... 202  
 Factory Industrial Group F  
 Defined ..... 202  
 High-hazard Group H  
 Defined ..... 202  
 Institutional Group I  
 Defined ..... 202  
 Mercantile Group M  
 Defined ..... 202  
 Miscellaneous Group U  
 Defined ..... 202  
 Residential Group R  
 Defined ..... 202  
 Special Residence Group SR  
 Defined ..... 202  
 Storage Group S  
 Defined ..... 202  
**OCCUPANT LOAD** ..... 107.6, 1004  
 Defined ..... 1002.1  
 Posting ..... 1004.3  
**OIL-BURNING EQUIPMENT (see FUEL-FIRED APPLIANCES)** . . . . 603, NFPA 31  
**OILY RAGS** ..... 304.3.1  
**OPEN BURNING** ..... 307  
 Defined ..... 302.1  
 Negligent ..... 305.4  
 Permit ..... 105.6.30, 307.2  
 Precautions in tire storage areas ..... 2504.1  
**OPEN FLAMES** ..... 308, 804.3, 1104.6, 2003.6, 2703.7.2, 3304.7.2, 3406.2.1  
 Devices ..... 308.1.6  
 Group A occupancies ..... 308.3  
 Permit ..... 105.6.31, 105.6.32, 308.2  
 Warning devices ..... 305.3, 308.1.6.1

**OPEN MALL AND OPEN MALL BUILDING (see COVERED MALL BUILDING)**  
 Defined ..... 202  
**OPEN PARKING GARAGE**  
 Defined ..... 202  
**OPEN SYSTEM** ..... 1205.1.3, 1206.3, 1803.9, 2705.2.1, Tables 2703.1.1, 3405.3.7.5  
 Defined ..... 202  
**OPENINGS IN FIRE RESISTIVE CONSTRUCTION** ..... 311.2.3, 315.2.4, 703  
**OPERATING BUILDING**  
 Defined ..... 3302.1  
 Separation distances ..... 3305.3  
**OPERATING PRESSURE**  
 Defined ..... 202  
**ORDERS AND NOTICES** ..... 109.2.2  
**ORGANIC COATING** ..... Chapter 20  
 Defined ..... 2002.1  
 Electrical equipment and protection ..... 2004  
 General ..... 2003  
 Kettles ..... 2006  
 Manufacture ..... Chapter 20, NFPA 35  
 Permit ..... 105.6.33  
 Process structures ..... 2005  
**ORGANIC PEROXIDE** ..... 1508, Chapter 39  
 Defined ..... 3902.1  
 Indoor storage ..... 3904.1  
 Outdoor storage ..... 3904.2, Table 3904.1.2, Table 3904.2.4  
 Requirements ..... 604.2.12, 3903  
 Use ..... 3905  
**OUTDOOR CONTROL AREA**  
 Defined ..... 2702.1  
 Hazardous materials ..... 2703.12  
**OUTDOOR STORAGE**  
 Corrosives ..... 3104.2  
 Cryogenic fluids ..... 3204.3  
 Flammable gases ..... 3504.2  
 Flammable liquids ..... 3404.4  
 Flammable solids ..... 3604.2  
 General ..... 315.3  
 Hazardous materials ..... 2704.2.2.4  
 Lumber products ..... 1909  
 Organic peroxides ..... 3904.2  
 Oxidizers ..... 4004.2  
 Pallets ..... 1909, NFPA 230: Sec. A3.2.4.1  
 Pyrophoric materials ..... 4104.2  
 Tire storage ..... 2505  
 Toxic material ..... 3703.2, 3704.3  
 Unstable reactive material ..... 4304.2  
 Water-reactive material ..... 4404.2

**OUTPATIENT CLINIC (Occupancy Group B)**  
 Defined . . . . . 202

**OVENS (see INDUSTRIAL OVENS)** . . . . . Chapter 21

**OVERCROWDING**  
 Defined . . . . . 202  
 Prohibited . . . . . 107.6, 1030.1

**OVERFILL PREVENTION AND PROTECTION** . . . . . 1106.18, 2206.6.2.3, 3204.4.7, 3404.2.7.5.8, 3404.2.8.18, 3404.2.9.7.6, 3404.2.11.4, 3406.4.6, 3406.6.1.5, 3406.8.3, 3406.8.5, 3806.2

**OWNER** . . . . . 107.5  
 Defined . . . . . 202

**OXIDIZERS** . . . . . Chapter 40, NFPA 430  
 Defined . . . . . 4002.1  
 Indoor storage . . . . . 4004.1  
 Outdoor storage . . . . . 4004.2  
 Requirements . . . . . 4003  
 Use . . . . . 4005

**OXIDIZING CRYOGENIC FLUID**  
 Defined . . . . . 4002.1

**OXIDIZING GAS** . . . . . 4003.1.1.3  
 Defined . . . . . 4002.1

**OXYGEN ENRICHED ATMOSPHERES** . . . . . NFPA 53

**OXYGEN IN HOME HEALTH CARE** . . . . . 4006

**OZONE GAS GENERATOR** . . . . . 3705  
 Automatic shutdown . . . . . 3705.5  
 Defined . . . . . 3702.1  
 Location . . . . . 3705.3  
 Manual shutdown . . . . . 3705.6

**P**

**PALLET, IDLE COMBUSTIBLE** . . . . . 3404.3.3.9

**PANIC HARDWARE** . . . . . 1008.1.9  
 Defined . . . . . 1002.1

**PARKING AND GARAGING** . . . . . 3406.2.1, 3811.2.1

**PARKING GARAGE**  
 Automatic sprinklers . . . . . 903.2.10.1  
 Exits . . . . . 1021.1.2

**PARTS CLEANING** . . . . . 2211.2.1, 3405.3.6.2

**PASS THROUGH** . . . . . 1803.3.2, 1803.10.3  
 Defined . . . . . 1802.1

**PATIO HEATERS (see PORTABLE OUTDOOR GAS-FIRED HEATING APPLIANCES)**

**PENTHOUSE**  
 Defined . . . . . 202

**PERMISSIBLE EXPOSURE LIMIT (PEL)**  
 Defined . . . . . 2702.1

**PERMITS** . . . . . 105  
 Construction . . . . . 105.7  
 Defined . . . . . 202

Operational . . . . . 105.6  
 Posting . . . . . 105.3.5  
 Revocation . . . . . 105.5

**PERSON**  
 Defined . . . . . 202

**PERSONAL CARE SERVICE**  
 Defined . . . . . 202

**PESTICIDE** . . . . . 2703.3, 3701.1, NFPA 434  
 Defined . . . . . 2702.1

**PHYSICAL HAZARD**  
 Defined . . . . . 2702.1

**PIPELINES** . . . . . 3406.1

**PIPING, VALVES AND FITTINGS** . . 3406.4.7.6, 3705.4  
 Design . . . . . 2007.1  
 Protection and security . . . . . 2404.16.3  
 Protection from vehicles . . . . . 2703.9.3

**PITFALLS** . . . . . 316.3

**PLACE OF ASSEMBLY**  
 Liquid or gas filled vehicles or equipment . . 105.6.26  
 Permit . . . . . 105.6.34

**PLACARDS; PLACARDING (see also SIGNS)**  
 Cryogenic fluid containers . . . . . 3203.4.2  
 Explosives . . . . . 3304.6.5, 3304.6.5.2  
 Flammable and combustible liquid tanks . . . . . 3403.5.3, 3404.2.3.2  
 Vacant buildings . . . . . 311.5

**PLANS (see also CONSTRUCTION DOCUMENTS)**  
 Diagrams . . . . . 408.4.1  
 Evacuation . . . . . 404.3.1  
 Facility closure . . . . . 407.7  
 Fire safety . . . . . 404.3.2  
 Hazardous materials management . . . . . 3305.2.1  
 Lockdown . . . . . 404.3.3  
 Maintenance . . . . . 3305.2.2  
 Prefire . . . . . 1408.2  
 Specifications . . . . . 2208.8.1.2.1  
 Storage . . . . . 3404.4.1

**PLASTICS**  
 Cellulose nitrate . . . . . Chapter 42  
 Classifications of . . . . . 2303.7  
 Foam . . . . . 803.7, 804.2, 807.4.2.1, 808.2  
 Manufacturing of glass-fiber-reinforced . . . . . 1511  
 Pyroxylin . . . . . 105.6.37, 903.2.5.3, Chapter 42, 4603.4.1

**PLOSOPHORIC MATERIAL** . . . . . 3305.1  
 Defined . . . . . 3302.1

**PLYWOOD AND VENEER MILLS**  
 Defined . . . . . 1902.1  
 Fire alarm systems . . . . . 907.2.17, 1904.1

**PORTABLE FIRE EXTINGUISHERS (see FIRE EXTINGUISHERS, PORTABLE)** . . also see NFPA 10

**PORTABLE FUELED OPEN-FLAME DEVICE** . . . . . 308.1.6

**PORTABLE OUTDOOR FIREPLACES** . . . . . 302.1, 307.4.3, 307.5

**PORTABLE OUTDOOR GAS-FIRED HEATING APPLIANCES** . . . . . 603.4.2

**PORTABLE TANKS**  
 Defined. . . . . 2702.1  
 Design, construction and capacity . . . . . 3404.3.1  
 Empty. . . . . 3404.3.3.4  
 Flammable liquids. . . . . 2206.2.5  
 Flow rate . . . . . 3704.2.2.7.5, Table 3704.2.2.7.5  
 Indoor storage. . . . . 3404.3.3  
 Local exhaust . . . . . 3704.2.2.4, 3704.3.2.3  
 Outdoor storage . . . . . 3404.4, Table 3404.4, 3704.3.4  
 Piles. . . . . 3404.3.3.10, 3404.3.7.2.3

**PORTABLE UNVENTED HEATERS** . . . . . OA 603.4  
 Group I and SR Occupancies . . . . . OA 605.10

**POWDER COATING** . . . . . 1506

**POWER TAPS** . . . . . 605.4.1

**POWERED INDUSTRIAL TRUCKS** . . . . . 309  
 Battery charging. . . . . 309.2  
 Defined. . . . . 302.1  
 Fire extinguishers. . . . . 309.4  
 Refueling . . . . . 309.5  
 Repairs. . . . . 309.6  
 Ventilation. . . . . 309.3

**PRECAUTIONS AGAINST FIRE** . . 1404, 1405.4, 2504

**PREMISES IDENTIFICATION** . . . . . 505

**PRESSURE VESSEL (see also ASME BOILER and PRESSURE VESSEL CODE)**  
 Defined. . . . . 2702.1

**PRIMARY CONTAINMENT**  
 Defined . . . . . 202

**PRIMARY TANK**  
 Defined. . . . . 3402.1

**PRIVATE FIRE HYDRANTS**  
 Permits . . . . . 105.6.35

**PROCESS**  
 Piping . . . . . 2007  
 Raw materials. . . . . 2008, 2009

**PROCESS TRANSFER**  
 Defined. . . . . 3402.1  
 Operations . . . . . 3406.5

**PROPANE (see LIQUEFIED PETROLEUM GAS)**

**PROPELLANT**  
 Defined. . . . . 2802.1

**PROPYLENE (see LIQUEFIED PETROLEUM GAS)**

**PROXIMATE AUDIENCE** . . . . . 3308.1, 3308.4, NFPA 1123 and 1126  
 Defined. . . . . 3302.1  
 Displays. . . . . 3308.2.2

**PUBLIC ASSEMBLAGES AND EVENTS** . . . . . 403

**PUBLIC NUISANCE** . . . . . 304.2

**PUBLIC SAFETY PLAN** . . . . . 403.2

**PUBLIC WAY** . . . . . 1024.6  
 Defined. . . . . 1002.1

**PUMPS, STATIONARY** . . . . . NFPA 20

**PYROPHORIC**  
 Defined. . . . . 4102.1  
 Indoor storage . . . . . 4104.1  
 Materials . . . . . Chapter 41  
 Outdoor storage . . . . . 4104.2  
 Requirements . . . . . 4103  
 Use . . . . . 4105

**PYROTECHNIC ARTICLE**  
 Defined. . . . . 3302.1

**PYROTECHNIC COMPOSITION**  
 Defined. . . . . 3302.1

**PYROTECHNIC SPECIAL EFFECT** . . . . . 3308, NFPA 1123 and 1126  
 Defined. . . . . 3302.1

**PYROTECHNIC SPECIAL EFFECTS MATERIAL**  
 Defined. . . . . 3302.1  
 Permit . . . . . 105.6.36

**PYROTECHNICS**  
 Defined. . . . . 3302.1

**PYROXYLIN (CELLULOSE NITRATE)**

**PLASTICS** . . . . . NFPA 42  
 Decorative materials . . . . . 807.3  
 Fire protection. . . . . 903.2.5.3, 4204.2, 4603.4.1  
 Permits . . . . . 105.6.37  
 Raw material . . . . . 4204.1  
 Requirements . . . . . 4203  
 Storage and handling . . . . . 4204

**Q**

**QUICK-RESPONSE SPRINKLERS (see AUTOMATIC SPRINKLERS)**

**R**

**RACK STORAGE** . . . . . 2308, 2804.4.3, 3404.3.3.6

**RADIOACTIVE MATERIALS HANDLING** . . . . . NFPA 801

**RAILWAY**  
 Defined. . . . . 3302.1

**RAMP** . . . . . 1010, 1026  
 Defined. . . . . 1002.1

**RAW PRODUCT**  
 Defined. . . . . 1902.1  
 Storage and processing . . . . . 1908

**READY BOX** . . . . . 3308.5.5  
 Defined. . . . . 3302.1

**RECALL, FIRE PROTECTION SYSTEM COMPONENT** . . . . . 901.9

**RECORD DRAWINGS** . . . . . 907.8.3  
 Defined. . . . . 902.1

**RECORDS** . . . . . 104.6, 104.6.3, 107.2.1, 405.5, 604.3.2, 606.15, 901.6.2, 1106.5.3.2.2, 2310.1, 2603.5, 2703.3.1.1, 3303  
 Protection of . . . . . NFPA 232

**RECREATIONAL FIRE** . . . . . 307.4.2  
 Defined. . . . . 302.1

**RECREATIONAL VEHICLE PARKS AND CAMPGROUNDS** . . . . . OAR 918-650

**RECYCLING FACILITIES** . . . . . 1908.1

**RECYCLABLE MATERIALS** . . . . . OA 318

**REDUCED FLOW VALVE** . . . . . 3704.2.2.7.5  
 Defined. . . . . 3702.1

**REFERENCED STANDARDS** . . . . . 102.6, Chapter 47

**REFINERY**  
 Defined. . . . . 3402.1  
 Petroleum. . . . . 3406.7

**REFRIGERANT** . . . . . 606.2  
 Classification . . . . . 606.3  
 Defined. . . . . 602.1  
 Detector . . . . . 606.8  
 Discharge. . . . . 606.12  
 Storage. . . . . 606.11  
 Type . . . . . 606.4

**REFRIGERATION SYSTEM** . . . . . 606.9.1  
 Defined. . . . . 602.1  
 Exits . . . . . 1015.4  
 Permit . . . . . 105.6.38

**REFUGE AREA (see AREA OF REFUGE)**

**REGISTERED DESIGN PROFESSIONAL** . . . . . 104.7.2, 105.4.1, 909.18.8.3  
 Defined . . . . . 202

**RELEASE OF HAZARDOUS MATERIAL** . . . . . 2703.3

**REMOTE EMERGENCY SHUTOFF DEVICE**  
 Defined. . . . . 3402.1  
 Use of. . . . . 3406.5.4.5

**REMOTE SOLVENT RESERVOIR** . . . . . 3405.3.6.2.3  
 Defined. . . . . 3402.1

**REPAIR GARAGE** . . . . . 2211  
 Defined. . . . . 2202.1  
 Gas detection system . . . . . 2211.7.2  
 Permit . . . . . 105.6.39  
 Sources of ignition . . . . . 2211.3  
 Sprinklers required. . . . . 903.2.9.1  
 Ventilation . . . . . 2211.4.3

**REPORTING**  
 Aviation facilities fire extinguisher use . . . . . 1105.8  
 Emergencies . . . . . 401.1  
 Fire . . . . . 1409  
 Fire alarm . . . . . 1409  
 Leak . . . . . 3404.2.7.10  
 Record keeping. . . . . 3303  
 Research reports . . . . . 104.9.1

**RESIDENTIAL CARE/ASSISTED LIVING FACILITY (Occupancy Group R-4)**  
 Defined . . . . . 202

**RESIN APPLICATION AREA**  
 Defined. . . . . 1502.1

**RESPONSE PROCEDURES** . . . . . 406

**RESPONSIBLE PERSON** . . . . . 107.3, 407.4, 408.4.3, 1408.3, 2603.3, 2703.9.1.1, 3406.3.5, 3406.3.7  
 Defined. . . . . 2602.1

**RETAIL DISPLAY AREA (for aerosols)**  
 Defined. . . . . 2802.1  
 Manufacturing facilities. . . . . 2807.1  
 Maximum quantities . . . . . 2806.2, Table 2806.2, Table 2806.3

**REVOCATION OF PERMITS** . . . . . 105.5

**RIGHT OF ENTRY** . . . . . OA 104.3.1

**ROADWAYS, ACCESS FOR FIRE APPARATUS (see FIRE APPARATUS ACCESS ROAD)** . . . . . 503

**ROCKETS AND ROCKETRY** . . . . . 3301.1.4

**ROLL COATING** . . . . . 1505.11  
 Defined. . . . . 1502.1

**ROOF VENTS** . . . . . 910, 1016.2

**ROOFING OPERATIONS SAFEGUARDS** . . . . . 1417

**ROOFS**  
 Required access . . . . . 504.1  
 Safeguarding operations. . . . . 1417  
 Stairway access. . . . . 504.3, 1009.11, 1009.13

**RUBBISH (TRASH)**  
 Chutes, automatic sprinkler protection . . . . . 903.2.11.2  
 Containers . . . . . 304.3  
 Defined . . . . . 202

**RULES** . . . . . 3303.7, 3305.6.6

**S**

**SAFE DISPERSAL AREA** . . . . . 1008.2.1, 1027.6

**SAFETY CAN** . . . . . 1206.2, 1206.4, 2703.9.10, 2705.1.10, 3405.2.4  
 Defined. . . . . 2702.1

**SCISSOR STAIR**

- Defined. . . . . 1002.1
- Use of . . . . . 1015.2.1

**SEAT STABILITY** . . . . . 1028.12

**SEATING, FOLDING AND TELESCOPIC**

- Defined. . . . . 1002.1

**SEATING, STABILITY** . . . . . 1025.12

**SECONDARY CONTAINMENT**

- Above-ground tanks . . . . . 2206.5
- Defined. . . . . 2702.1
- Hazardous materials. . . . . 2704.2, 2704.2.2, 2705.1.3, 2705.2.1.4, 2705.2.2.5, 2705.3.5, 2705.3.7
- Indoor storage . . . . . 2704.2.2.3
- Outdoor storage . . . . . 2704.2.2.4
- Type II dry cleaning systems. . . . . 1207.2.3
- Underground tanks . . . . . 2703.2.4.1

**SECURITY DEVICES** . . . . . 316.4

**SECURITY GATES** . . . . . 503.6

**SEGREGATED** . . . . . 2804.3.2

- Defined. . . . . 2702.1

**SELF-CLOSING**

- Defined . . . . . 202

**SELF-SERVICE MOTOR FUEL-DISPENSING FACILITY** . . . . . 2204

- Defined. . . . . 2201.2

**SEMICONDUCTOR FABRICATION**

**FACILITY** . . . . . Chapter 18, see also NFPA 318

- Automatic sprinkler system . . . . . 1803.10
- Defined. . . . . 1802.1
- Emergency alarm system . . . . . 1803.12
- Emergency power . . . . . 604.2.8, 1803.15
- General . . . . . 1803
- HPM rooms. . . . . OA 1803.7.3
- Manual fire alarm system. . . . . 1803.11
- Permit . . . . . 105.6.21
- Quantity limits . . . . . Table 1804.2.1
- Storage . . . . . 1804
- Transportation and handling . . . . . 1805.3
- Use and handling . . . . . 1805

**SERVICE CORRIDOR** . . . . . 1803.3.8, 1803.9, 1803.12.1.1, 1805.3.3

- Defined. . . . . 1802.1

**SERVICE UTILITIES** . . . . . 112

**SHAFTS** . . . . . 704, 4603.3

**SHAFTWAY MARKINGS** . . . . . 316.2

**SHELF STORAGE** . . . . . 2307

- Defined. . . . . 2302.1
- Specialty storage . . . . . 2310

**SIGNS (see also PLACARDS; PLACARDING)**

- Access roads . . . . . 3304.6.5.1
- Alarms and warning. . . . . 904.3.4, 1607, 1703.3.1, 2205.6, 2210.5.5.1, 3403.5.1
- Area of refuge . . . . . see OSSC, Chapter 11
- Electrical rooms . . . . . 605.3.1
- Electrostatic apparatus . . . . . 1507.5.2
- Elevator . . . . . 607.2
- Emergency . . . . . 606.7, 607.2
- Exit . . . . . 604.2.3, 1011, 2403.12.6
- Fire alarm boxes . . . . . 907.5.2.4
- Fire department connection. . . . . 912.4
- Fire doors . . . . . 703.2.1
- Fire protection equipment rooms . . . . . 509.1
- Fire-resistance-rated construction . . . . . 703.2.1
- Foam plastic. . . . . 808.2
- Fruit ripening warning . . . . . 1607
- Fuel-dispensing warning . . . . . 2205.6
- Fumigation warning. . . . . 1703.3.1
- Hazardous identification . . . . . 2703.5, 2703.6, 2703.11.3.10, 3203.4.1, NFPA 704
- Hot works warning . . . . . 2603.6
- Illumination. . . . . 1011.2
- Lead-acid battery systems. . . . . 608.6
- Marking . . . . . 503.3
- No smoking . . . . . 310.3, 2205.6, 2208.8.1.2.6, 2210.5.7, 2305.3, 2703.7.1, 3404.2.3.1
- Oxygen manifolds . . . . . 2609.5
- Ozone gas generator . . . . . 3705.3.2, 3705.4.3
- Placards . . . . . 311, 3304.6.5
- Removal. . . . . 310.4
- Stairway exit . . . . . 1011.3, 1011.4
- Storage tanks . . . . . 3404.2.3, 3406.3.7
- Street or road. . . . . 505.2
- Tampering with . . . . . 109.2.4
- Vacant buildings. . . . . 311.5
- Welding . . . . . 1503.2.7

**SINGLE-STATION SMOKE**

- ALARM** . . . . . 907.2.11, 4603.2
- Defined. . . . . 902.1

**SITE**

- Defined . . . . . 202

**SITE-FABRICATED STRETCH SYSTEMS** . . . . . 803.9

- Defined. . . . . 802.1

**SLEEPING UNIT**

- Defined. . . . . 902.1

**SMALL ARMS AMMUNITION** . . . . . Chapter 33

- Defined. . . . . 3302.1



**SMALL ARMS PRIMERS**

- Defined. . . . . 3302.1
- Group M. . . . . 3306.5.1.3
- Group R-3 . . . . . 3306.4.2
- Storage. . . . . 3306.5.2.3

**SMOKE ALARM** . . . . . 907.2.11, 4603.2,  
 ORS 479.250 through 479.300  
 and OAR 837, Division 45

- Defined. . . . . 902.1

**SMOKE AND HEAT VENTS** . . . . . 910, 2306.7

**SMOKE BARRIERS**

- Construction. . . . . 909.5
- Defined . . . . . 202
- Maintenance . . . . . 703.1.2
- Opening protectives in . . . . . 703.2, 909.5.2
- Pressure differential . . . . . 909.18.6

**SMOKE COMPARTMENT**

- Defined . . . . . 202

**SMOKE CONTROL SYSTEM** . . . . . 909

**SMOKE DAMPER**

- Defined . . . . . 202

**SMOKE DETECTOR** . . . . . 907.2.13.1, 907.2.18.1,  
 907.4.1

- Defined. . . . . 902.1
- Organic peroxide. . . . . 3904.1.5
- Oxidizer storage . . . . . 4004.1.6

**SMOKE-DEVELOPED INDEX**

- Defined. . . . . 802.1

**SMOKE PARTITIONS** . . . . . 703.1.2

**SMOKE-PROTECTED**

**ASSEMBLY SEATING** . . . . . 1028.6.2

- Defined. . . . . 1002.1

**SMOKE REMOVAL** . . . . . 910.4, 2306.7

**SMOKE VENTS** . . . . . 910

**SMOKELESS PROPELLANTS**

- Defined. . . . . 3302.1
- General . . . . . 3306
- Storage and handling . . . . . 3304

**SMOKEPROOF ENCLOSURE**

- Defined . . . . . 202

**SMOKING** . . . . . 310, 1103.2, 1106.3.8,  
 1404.1, 1503.2.6, 1903.5.3,  
 2210.5.5.1, 2504.3, 2703.7.1,  
 3404.2.3.1, 3406.6.1.9

- Signs . . . . . 310.3

**SMOKING PROHIBITED**

- Aircraft hangers . . . . . 1103.2
- Aircraft operations area . . . . . 1103.2, 1106.10
- Aircraft refueling . . . . . 1103.2, 1106.3.8,  
 1106.9, 1106.10
- Brush and forested areas. . . . . 310.8
- Bulk plants or terminals . . . . . 3406.4.8

- Combustible dust . . . . . 1303.1
- Construction and demolition areas . . . . . 1404.1
- Explosive magazine . . . . . 3304.7.2
- Flammable gas areas . . . . . 3503.1.4.2
- Flammable liquid tank vehicles . . . . . 3406.6.1.9
- Flammable or combustible  
 liquid use or storage . . . . . 1405.4, 3404.2.3.1,  
 3404.2.4, 3406.2.1

- Flammable or combustible material  
 storage and handling . . . . . 310.2
- General . . . . . 310.1
- Hazardous environmental area . . . . . 310.8
- Hazardous material areas. . . . . 2703.7.1
- High-piled storage area . . . . . 2305.3
- LPG filling operations. . . . . 3807.2
- Lumber yards and woodworking. . . . . 1903.5.3
- Marine fueling operations . . . . . 2210.5.5.1
- Motor vehicle fuel dispensing facilities . . . . . 2205.4,  
 2208.8.1.2.6

- Organic coatings manufacture. . . . . 2003.7
- Organic peroxide coating . . . . . 1503.2.6
- Powder coating areas and storage . . . . . 1506.6
- Pyroxylin plastics . . . . . 4204.3
- Repair garages . . . . . 2211.3.2
- Signs . . . . . 310.3
- Spray spaces . . . . . 1503.2.6
- Tank vehicles . . . . . 3406.6.1.9, 3406.5.4.5
- Tents and membrane structures . . . . . 2404.6
- Tire storage yards . . . . . 2504.3
- Well drilling and operation . . . . . 3406.3.1.1

**SOLID**

- Defined. . . . . 2702.1

**SOLID SHELVING**

- Defined. . . . . 2302.1
- Fire protection . . . . . 2308.2.2.1
- Racks . . . . . 2308.2.2

**SOLVENT DISTILLATION UNIT** . . . . . 3405.4

- Defined. . . . . 3402.1

**SOLVENT EXTRACTION PLANTS** . . . . . NFPA 36

**SOLVENT OR LIQUID CLASSIFICATIONS,  
 DRY CLEANING**

- Defined. . . . . 1202.1

**SOUND STAGES** . . . . . OA 306.3

**SPACE HEATERS** . . . . . 605.10, 1403

**SPECIAL AMUSEMENT BUILDING**

- Defined . . . . . 202
- Fire alarm system . . . . . 907.2.12, 914.7.2
- Permit . . . . . 105.6.2
- Sprinklers . . . . . Table 903.2.11.6, 914.7.1

**SPECIAL HAZARD** . . . . . 901.4.3

**SPECIAL INDUSTRIAL EXPLOSIVE DEVICE**

- Defined. . . . . 3302.1

**SPILL CONTROL**

- Carts and trucks . . . . . 2703.10.3.4
- Dry cleaning . . . . . 1207.2.3
- Flammable and combustible liquids . . . . . 3403.4, 3404.3.7.3, 3404.3.8.2, 3404.4.3, 3405.3.7.5.3, 3405.3.7.6.3, 3405.3.8.1, 3406.2.6, 3406.5.1.5
- Hazardous materials . . . . . 2704.2, 2705.1.3, 2705.2.1.3, 2705.2.2.4, 2705.3.4, 2705.3.6
- Lead-acid battery systems . . . . . 608.5
- Service stations and repair garages . . . . . 2205.3

- SPILLS** . . . . . 1104.4, 1405.6, 2009.4.2, 2210.5.2, 2404.18.5.3

**SPONTANEOUS IGNITION**

- HAZARDS** . . . . . 304.3.1, 305.2, 1404.4

**SPRAY BOOTH**

- Areas adjacent to . . . . . 1503.2.1.3
- Construction . . . . . 1504.3.2.1
- Defined . . . . . 1502.1
- Fire-extinguishing system . . . . . 1504.4
- Ventilation . . . . . 1503.3.5.2

**SPRAY FINISHING** . . . . . 1504, NFPA 33

- Fire extinguishing system . . . . . 1504.2
- Permit . . . . . 105.6.41

**SPRAY ROOM**

- Construction . . . . . 1504.3.1
- Defined . . . . . 1502.1
- Ventilation . . . . . 1503.3.5.2

**SPRAYING SPACE**

- Defined . . . . . 1502.1

**SPRINKLER SYSTEMS**

(see also **AUTOMATIC SPRINKLER**)

- General . . . . . NFPA 13
- One- and two-family dwellings . . . . . NFPA 13D
- Residential up to four stories . . . . . NFPA 13R

**SR OCCUPANCIES** . . . . . OA Appendix SR

- Classification . . . . . OA SR103, Table SR109.1
- Defined . . . . . OA Chapter 2, OA SR102
- Emergency planning . . . . . OA 408.12
- Occupancy requirements . . . . . OA SR104

**STAGES, FIRE PROTECTION FOR** . . . . . 905.3.4, 914.6

- Exits . . . . . 1015.6
- Fire protection . . . . . 905.3.4, 914.6
- Sound Stage . . . . . OA 306.3

**STAIR** . . . . . 1009

- Defined . . . . . 1002.1

**STAIRWAY** . . . . . 1009

- Defined . . . . . 1002.1
- Identification . . . . . 1022.7, 1022.8, 4604.18, 4604.21

**STAIRWAY, EXTERIOR** . . . . . 1026

- Defined . . . . . 1002.1

**STAIRWAY, INTERIOR** . . . . . 1009

- Defined . . . . . 1002.1

**STAIRWAY, SPIRAL**

- Defined . . . . . 1002.1

**STANDARDS** . . . . . Chapter 47

**STANDBY PERSONNEL**

- (see also **FIRE WATCH**) . . . . . 2404.20

**STANDBY POWER SYSTEM** . . . . . 604, 2707.1.5, OA 604.2.16, IBC 2702, NFPA 111

**STANDPIPE SYSTEM, CLASSES OF**

- Defined . . . . . 902.1

**STANDPIPE, TYPES OF**

- Defined . . . . . 902.1

**STANDPIPES** . . . . . 905

- Buildings under construction/demolition . . . . . 1413
- Piers, wharves and floats at marine fuel-dispensing stations . . . . . OA 2210.6.1

**STATIC PILES**

- Defined . . . . . 1902.1
- Protection . . . . . 1908.6

**STATIC PROTECTION** . . . . . 3406.5.1.7

**STATIONARY LEAD-ACID BATTERY SYSTEMS** (see **BATTERY SYSTEM, STATIONARY LEAD-ACID**) . . . . . 608

**STEEL**

- Defined . . . . . 202

**STILLS, DRY CLEANING** . . . . . 1204.2.4, 1207.1

**STOP ORDERS** . . . . . OA 111.1.1

**STORAGE** . . . . . NFPA 230

- Aerosol, inside . . . . . 2804, NFPA 30B
- Attics . . . . . 315.2.4
- Automated . . . . . 2309
- Baled combustible fibers . . . . . 2905
- Boiler rooms . . . . . 315.2.3
- Calcium carbide . . . . . 2607.1
- Combustible materials, miscellaneous . . . . . 315
- Compressed gas . . . . . 3004
- Concealed spaces . . . . . 315.2.4
- Corrosive materials . . . . . 3104
- Cryogenic fluids . . . . . 3204
- Cylinder and container . . . . . 2605.2
- Detached structure . . . . . 2904.6
- Electrical rooms . . . . . 315.2.3
- Exterior, finished lumber . . . . . 1909
- Flammable gases . . . . . 3504
- Flammable solids . . . . . 3604
- Foam . . . . . 3404.2.9.2.2.1
- Fuel oil . . . . . 603.3
- Hazardous materials definition . . . . . 2702.1, 2704

High-piled combustible . . . . . Chapter 23  
 Hogged material . . . . . 1907, 1908  
 In buildings . . . . . 315.2  
 Log areas . . . . . 1906  
 Loose combustible fibers . . . . . 2904  
 LP-gas . . . . . 3809  
 Means of egress . . . . . 315.2.2, 1030.3  
 Mechanical refrigeration rooms . . . . . 606.10  
 Mechanical rooms . . . . . 315.2.3  
 Nitrocellulose . . . . . 2009.4  
 Organic peroxide . . . . . 2009.5, 3904  
 Outside . . . . . 315.3  
 Oxidizers . . . . . 4004  
 Pyrophoric materials . . . . . 4104  
 Pyroxylin (cellulose nitrate) plastics . . . . . 4204  
 Rack . . . . . 2308  
 Semi-conductor fabrication facilities . . . . . 1804  
 Solid-piled and shelf . . . . . 2307  
 Specialty . . . . . 2310  
 Tank . . . . . 2009.2  
 Tire . . . . . 903.2.9.2, 2505, 2509  
 Under eaves and overhangs . . . . . 315.3.1  
 Under floors . . . . . 315.2.4  
 Under high-voltage transmission lines . . . . . 315.4  
 Under stairs . . . . . 1009.5.3  
 Unstable (reactive) materials . . . . . 4304  
 Water-reactive solids and liquids . . . . . 4404  
 Wood chips . . . . . 1907, 1908

**STORAGE BATTERY SYSTEMS,**  
**STATIONARY** . . . . . 608  
 Permit . . . . . 105.6.5  
 Room design . . . . . 608.3  
 Signs . . . . . 608.6  
 Ventilation . . . . . 608.5

**STORY**  
 Defined . . . . . 202

**STORY ABOVE-GRADE PLANS**  
 Defined . . . . . 202

**STRAW** . . . . . 2404.5, 2903.4  
 Waste material . . . . . 304.1.1

**STREET SIGNS** . . . . . 505.2

**SUMPS** . . . . . 3406.3.3

**SUPERVISING STATION** . . . . . 905.9  
 Defined . . . . . 902.1

**SUPERVISION** . . . . . 903.4, 905.9, 913.4

**SUPERVISORY SERVICE**  
 Defined . . . . . 902.1

**SUPERVISORY SIGNAL** . . . . . 905.9  
 Defined . . . . . 902.1

**SUPERVISORY SIGNAL-INITIATING DEVICE**  
 Defined . . . . . 902.1

**SYSTEM**  
 Defined . . . . . 2702.1

**T**

**TANK**  
 Abandonment . . . . . 3404.2.13, 3404.2.13.1.4  
 Above ground . . . . . 2206.2.2, 2206.2.3,  
 2206.2.4, 2703.2.4.2,  
 3104.2.1, 3404.2.7.3.5.1,  
 3404.2.9, 3404.2.13.2  
 Anchoring . . . . . 3404.2.8.5  
 Capacity . . . . . 2205.1.2  
 Compressed gas . . . . . 3003.1, 3003.4.2  
 Construction . . . . . 3404.2.9.6.1  
 Defective . . . . . 2703.2.6.2  
 Defined . . . . . 202  
 Design and construction . . . . . 2703.2.1, 3404.2.7,  
 3404.2.9.6.1  
 Diking . . . . . 3404.2.10.2  
 Discharge . . . . . 3404.2.7.5.5.2  
 Dispensing . . . . . 3406.2.8, 3406.5.4  
 Drainage control . . . . . 2206.5  
 Empty . . . . . 2703.2.5, 3404.3.3.4, 3404.4.8  
 Filling operations . . . . . 2205.1, 3406.6.1.10  
 Important building . . . . . OA 3402  
 Inside buildings . . . . . 2206.2.2, 3404.2.9.5  
 Installation . . . . . 2703.2.4, 3404.2.7  
 Lining . . . . . 3404.2.7.11  
 Low pressure . . . . . 3202.1  
 Maintenance . . . . . 2003.9  
 Manifolding . . . . . 3404.2.7.3.5  
 Marking . . . . . 3406.2.2  
 Openings . . . . . 2206.6.2.1, 3404.2.7.5,  
 3404.2.9.6.10  
 Out of service . . . . . 2703.2.6.1, 3404.2.13.1.1  
 Outside buildings . . . . . 3404.2.9.5  
 Overfill protection . . . . . 3404.2.7.5.8,  
 3404.2.9.7.6, 3404.2.11.4,  
 3406.6.1.5, 3406.8.3, 3406.8.5  
 Permanent and temporary . . . . . 3406.2.4  
 Piping . . . . . 2206.6.3  
 Piping, valves and fittings . . . . . 2206.6.2  
 Plans . . . . . OA 3401.6  
 Portable . . . . . 2206.2.5, 3404.3  
 Preparation for fueling . . . . . 2210.5.6  
 Pressure . . . . . 1509.3, 3404.2.7.2  
 Primary . . . . . 3402.1  
 Removal . . . . . 3404.2.14  
 Repair, alteration or reconstruction . . . . . 3404.2.7.6  
 Security . . . . . 2206.3  
 Solvent storage . . . . . 1207.3  
 Stationary . . . . . 3704.2.2.7.4

Storage . . . . . 2009.2, 3404, 3406.3.2.1, 3406.3.5  
 Testing . . . . . 3404.2.12  
 Underground . . . . . 2206.2.1, 2703.2.4.1,  
 3404.2.7.3.5.2, 3404.2.11,  
 3404.2.13.1  
 Vaults . . . . . 2206.2.4, 3404.2.8  
 Vehicle . . . . . 2209.3, 3406.5.1.15,  
 3406.5.1.16, 3406.6,  
 OA Appendix  
 Venting . . . . . 3404.2.7.3, 3404.2.7.3.6, 3406.2.4.2  
 Water . . . . . 508.2.2, 508.5.3

**TANK, ATMOSPHERIC**  
 Defined . . . . . 2702.1

**TANK CARS**  
 (see also **BULK TRANSFER**) . . . . . 3406.5.1  
 Loading racks or stations . . . . . 2009.3, 3406.5.1.12  
 Use as storage tank . . . . . 3404.2.2

**TANK, PORTABLE** . . . . . 2206.2.5, 3404.3, 3404.4,  
 3704.2.2.7.5, 3704.3.4  
 Defined . . . . . 2702.1

**TANK, PRIMARY**  
 Defined . . . . . 3402.1

**TANK, PROTECTED ABOVE-GROUND**  
 Defined . . . . . 3402.1

**TANK, STATIONARY**  
 Defined . . . . . 2702.1

**TANK VEHICLE** . . . . . 2004.3.2,  
 3406.5.1.16.1, 3406.6, NFPA 385  
 Aircraft fuel servicing . . . . . 1105.4  
 Certification . . . . . 3406.5.1.15  
 Construction . . . . . 2703.2.1  
 Defined . . . . . 2702.1  
 Dispensing . . . . . 3406.2.8, 3406.5.4  
 Fire protection . . . . . 3406.6.4  
 Garaging . . . . . 3406.6.1, 3811.3  
 Loading racks or stations . . . . . 2009.3  
 Operation . . . . . 3406.6.1  
 Parking . . . . . 3406.6.3, 3811  
 Smoking . . . . . 3406.6.1.9  
 Stability . . . . . 3406.5.1.16  
 Use as storage tank . . . . . 3404.2.2

**TAR KETTLE [see ASPHALT (TAR) KETTLES]**

**TELECOMMUNICATIONS FACILITIES** . . . . . NFPA 76

**TEMPORARY HEATING EQUIPMENT** . . . . . 605.10, 1403

**TEMPORARY WIRING** . . . . . 605.9, 1404.7

**TENANT SPACES, VACANT**  
 (see **VACANT PREMISES**)

**TENTS AND OTHER MEMBRANE**  
**STRUCTURES** . . . . . Chapter 24, NFPA 102  
 Access . . . . . 2403.8.1  
 Air-inflated structure . . . . . 2402.1  
 Air-supported structure . . . . . 2402.1, 2403.10

Approval . . . . . 2403.2  
 Crowd managers . . . . . 2404.20.2  
 Defined . . . . . 2402.1  
 Fire safety requirements . . . . . 2404.2  
 Flame resistance . . . . . ORS 479.130  
 Generators . . . . . 2404.19  
 Heating, and cooking equipment . . . . . 2404.15  
 Location . . . . . 2403.8.3  
 LP-gas . . . . . 2404.16  
 Means of egress . . . . . 2403.12  
 Occupant load . . . . . 2404.14  
 On buildings . . . . . 2403.8.4  
 Permit . . . . . 105.6.43  
 Portable fire extinguisher . . . . . 2404.8.12  
 Seating . . . . . 2403.11  
 Structural stability . . . . . 2403.9  
 Waste . . . . . 2404.22

**TESTING, ACCEPTANCE**  
 (see **ACCEPTANCE TESTING**)

**THEFT RESISTANT**  
 Defined . . . . . 3302.1

**THERMAL INSECTICIDAL FOGGING** . . . . . Chapter 17  
 Defined . . . . . 1702.1  
 Electricity . . . . . OA 1703.2.1  
 Fire safety requirements . . . . . 1703

**TIMBER AND LUMBER**  
**PRODUCTION FACILITIES** . . . . . 1907  
 Defined . . . . . 1902.1

**TIRE REBUILDING** . . . . . 2503  
 Permits . . . . . 105.6.44  
 Precautions against fire . . . . . 2504

**TIRE STORAGE** . . . . . Chapter 25  
 Access . . . . . 2506  
 Fencing . . . . . 2507  
 Indoor . . . . . 2509  
 Outdoor . . . . . 2505  
 Permits . . . . . 105.6.42  
 Precautions against fire . . . . . 2504  
 Sprinklers . . . . . 903.2.9.2

**TIRES, BULK STORAGE OF** . . . . . 2505  
 Defined . . . . . 902.1

**TOOL**  
 Defined . . . . . 1802.1

**TORCH-APPLIED ROOF SYSTEM**  
 Defined . . . . . 2602.1

**TORCHES** . . . . . 308.4  
 Permit . . . . . 105.6.31

**TOWNHOUSE**  
 Defined . . . . . 202

**TOXIC**  
 Defined . . . . . 3702.1

Materials . . . . . Chapter 37

**TRAINING, EMPLOYEE EMERGENCY** . . . . . 406

**TRANSIENT**

    Defined . . . . . 202

**TRANSIENT AIRCRAFT**

    Defined . . . . . 902.1

**TRANSPORTATION**

    Hazardous materials . . . . . 1805.3, 2703.10

    LP-gas . . . . . 3801.1

**TRANSVERSE FLUE SPACE** . . . . . Tables 2308.3, 3404.3.6.3

    Defined . . . . . 2302.1

**TRAP DOOR** . . . . . 316.1

**TRASH (see RUBBISH)**

**TRAVEL DISTANCE, EXIT ACCESS** . . . . . 1016

**TREATMENT SYSTEMS** . . . . . 606.12.4, 1803.14.3, 3703.1.3, 3703.2.3.2, 3704.2.2.7, 3704.3.2.5

**TROUBLE SIGNAL** . . . . . 903.4.1, 2211.7.2.3

    Defined . . . . . 902.1

**TUBE TRAILERS** . . . . . 3003.7.11

    Defined . . . . . 3002.1

**TURNSTILES** . . . . . 1008.3

**U**

**UNAUTHORIZED DISCHARGE** . . . 2703.3.1, 3406.2.6

    Defined . . . . . 2702.1

**UNDERCOATING** . . . . . 1504.2.1

**UNDERGROUND BUILDINGS** . . . . . 404.2, 604.2.16, 905.3.5, 907.2.18, 907.2.19, 914.5

**UNDERGROUND MINES** . . . . . NFPA 122 and 123

**UNDERGROUND STORAGE TANK** . . . . . 2206.2.1, 2703.2.4.1, 3404.2.11

    Interior lining . . . . . 3404.2.7.11

    Out of service . . . . . 3404.2.13.1

    Removal . . . . . 3404.2.14.1

**UNLAWFUL ACTS** . . . . . 109.1

**UNSAFE**

    Conditions . . . . . 110.1.1

    Electrical . . . . . 605, 804.6.5

    Heating . . . . . 603.7

    Structural . . . . . 110.1.2

**UNSAFE HEATING APPLIANCES** . . . . . 603.7

**UNSAFE BUILDINGS (see BUILDINGS)** . . . . . 110

**UNSTABLE (REACTIVE) MATERIAL** . . . . . Chapter 43

    Defined . . . . . 4302.1

    Indoor storage . . . . . 4304.1

    Outdoor storage . . . . . 4304.2

    Requirements . . . . . 4303

    Use . . . . . 4305.1

**UNVENTED HEATERS** . . . . . 603.4

**UNWANTED FIRE** . . . . . 401.3.1

    Defined . . . . . 202

    Reporting . . . . . 401.3, 1409

**UPHOLSTERED FURNITURE**  
(see FURNITURE, UPHOLSTERED)

**USE, CHANGE OF (see CHANGE OF USE)**

**USE (MATERIAL)**

    Defined . . . . . 2702.1

**V**

**VACANT PREMISES** . . . . . 311

    Abandoned . . . . . 311.1.1

    Fire protection systems . . . . . 311.2.2

    Placarding . . . . . 311.5

    Removal of hazardous materials . . . . . 311.4

    Safeguarding . . . . . 311.2

    Tenant spaces . . . . . 311.1.2

    Waste removal . . . . . 311.3

**VACUUM SYSTEMS** . . . . . 1303.2

**VAPOR AREA, FLAMMABLE** . . . . . 1503.2.1.1, 1505.7

    Defined . . . . . 1502.1

**VAPOR BALANCE SYSTEM** . . . . . 2206.7.9.1

**VAPOR PRESSURE**

    Defined . . . . . 2702.1

**VAPOR PROCESSING SYSTEM** . . . 2206.7.9.2, 3406.8

**VAPOR RECOVERY SYSTEM** . . . . . 2206.7.9, 3406.8

**VEGETATION** . . . . . 304.1.2, 806, 2205.7

**VEHICLE IMPACT PROTECTION**  
(see IMPACT PROTECTION, VEHICLE)

**VEHICLES** . . . . . 314.4

    Compressed natural gas powered . . . . . 2208

    Gas-fueled . . . . . 2404.18

    Impact protection . . . . . 312

    Industrial . . . . . 3803.2.2

    LP-gas powered . . . . . 2207

    Liquid-fueled . . . . . 2404.18

    Overfilling . . . . . 2207.7

    Permits . . . . . 105.6.26

    Storage . . . . . 313.1

    Tank . . . . . 2009.3, 3406.5.1.15, 3406.5.1.16, 3406.6

    Transporting flammable and combustible liquids . . . . . 1106.3, 3404.2.2, 3406.6

**VENTILATION**

    Battery system . . . . . 608.6

    Defined . . . . . 202

    Dipping operations . . . . . 1505.7

    Dry cleaning . . . . . 1204.2.1, 1205.2.3, 1206.3.3

    Electrostatic equipment . . . . . 1506.7



Exhaust . . . . . 1803.14, 1803.15.2  
 Floor surfacing . . . . . 1510.5  
 Hazardous materials . . . . . 2703.8.4.2,  
 2703.8.5.2, 2703.8.6.2,  
 2705.2.1.1, 2705.2.2.2  
 Indoor dispensing . . . . . 2705.1.9  
 Indoor storage areas . . . . . 2704.3  
 Industrial ovens . . . . . 2103.1  
 Mechanical ventilation for reinforced  
 plastics manufacturing . . . . . 1511.5  
 Powered industrial trucks . . . . . 309.3  
 Process structures . . . . . 2005.5  
 Refrigeration machinery room . . . . . 606.13  
 Repair garages . . . . . 2211.4.3, 2211.7.1  
 Spray finishing . . . . . 1504.1.4.3, 1504.2,  
 1504.2.4, 1504.6.3, 1506.10

**VENTS, SMOKE AND HEAT**  
 (see SMOKE AND HEAT VENTS)  
**VERTICAL EXIT ENCLOSURES** . . . . . 1022  
**VIOLATION PENALTIES** . . . . . 109.3  
**VISIBLE ALARM NOTIFICATION**  
**APPLIANCE** . . . . . 907.6.2.3  
 Defined . . . . . 902.1

**W**

**WALL AND CEILING FINISH** . . . . . 803, NFPA 286  
**WAREHOUSE**  
 Aerosol . . . . . 2802.1, 2804.3.2,  
 Table 2804.3.2, 2804.4  
 Liquid . . . . . 2804.6, Table 3404.3.6(2),  
 Table 3404.3.6(3), 3404.3.8, 3404.3.8.5  
**WARRANTS** . . . . . 104.3.1  
**WASTE MATERIALS, COMBUSTIBLE** . . . . . 105.6.45,  
 304, 1404.2, 1503.4.3  
**WASTE WATER TREATMENT**  
**FACILITIES** . . . . . NFPA 820  
**WASTEBASKETS AND WASTE**  
**CONTAINERS** . . . . . 304.3, 808.1  
**WATCH, FIRE (see FIRE WATCH)**  
**WATER-REACTIVE MATERIAL** . . . . . Chapter 44  
 Defined . . . . . 4402.1  
 Indoor storage . . . . . 4404.1  
 Outdoor storage . . . . . 4404.2  
 Requirements . . . . . 4403  
 Use . . . . . 4405  
**WATER SUPPLY**  
 Buildings under construction  
 or demolition, standpipes . . . . . 1413  
 Fire protection . . . . . 508, 1412  
 Required . . . . . 508.1  
 Secondary . . . . . 903.3.5.2  
 Sprinklers . . . . . 903.3.5  
 Standpipes . . . . . 1413

Test . . . . . 508.4  
**WEATHER PROTECTION** . . . . . 2704.13, 2705.3.9,  
 3308.5.2, 3308.5.2,  
 3404.4.7, 3405.3.8.4,  
 3406.5.1.2, 3703.2.5,  
 3704.3.3, 4104.2.2, 4105.2

**WELDING AND OTHER**  
**HOT WORK** . . . . . Chapter 26, NFPA 51B  
 Cutting . . . . . 2605  
 Electric arc . . . . . 2606  
 Gas . . . . . 2605, NFPA 51  
 Permit . . . . . 105.6.11  
 Requirements . . . . . 2603, 2604  
 Tire storage yards . . . . . 2504.2  
 Warning signs in flammable  
 finish operations . . . . . 1503.2.7  
**WELL DRILLING** . . . . . 3406.3  
**WET-CHEMICAL**  
**EXTINGUISHING AGENT** . . . . . 904.5, NFPA 17A  
 Defined . . . . . 902.1  
**WET FUELING (see MOBILE FUELING)**  
**WET HOSING (see MOBILE FUELING)**  
**WHARVES** . . . . . 2210.3.1, 2210.5.5, 3406.4.7  
**WILDFIRE PROTECTION** . . . . . NFPA 1144  
 Fire apparatus access . . . . . D101.1  
**WILDFIRE RISK AREA** . . . . . 308.1.6, 308.2  
 Defined . . . . . 202  
**WINDOW GRATES AND BARS** . . . . . 1029.4, 1030.7  
**WINDOW WELLS** . . . . . 1029.5  
**WINDOWLESS STORIES OR AREAS** . . . . . 903.2.11.1,  
 4604.5  
**WIRELESS PROTECTION SYSTEM** . . . . . 907.7.1  
 Defined . . . . . 902.1  
**WIRING, ELECTRICAL**  
 Hazards . . . . . 605  
**WOODCHIPS** . . . . . 1907, 1908  
**WOOD PRODUCTS**  
 Permit . . . . . 105.6.46  
**WOODWORKING FACILITIES (see LUMBER YARDS**  
**AND WOODWORKING FACILITIES)** . . . . . 903.2.3.1  
**WORKSTATION**  
 Defined . . . . . 1802.1

**Y**

**YARD**  
 Defined . . . . . 202

**Z**

**ZONE, FIRE ALALRM** . . . . . 907.7.3  
 Defined . . . . . 902.1  
**ZONE, NOTIFICATION**  
 Defined . . . . . 902.1