

**INDEX**  
**Title 27, Construction and Maintenance**  
**CHAPTER 1, BUILDING CODE**  
**AND REFERENCE STANDARDS, (RS)**  
All references are to subchapter or section numbers.  
“27” is omitted from section numbers in this index.

**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

**A**

**Abandoned operations**, see Discontinued operations  
**Abbreviations**, 233  
**Absorption tests, masonry**, 3.2.1(b) (RS 10-1A)  
**Academies, Occupancy Classification**, Table 3-2 (G)  
**Acceptance requirements, construction materials**,  
see Construction materials, acceptance requirements  
**Acceptance tests, boilers**, 793(a)  
elevators, 997  
**Access, building, fire department**, Subchapter 4,  
Art. 2, Subart. 1  
**Access, building, for people with physical disabilities**,  
Subchapter 4, Art. 2, Subart. 2  
**Access, building, wheelchairs**, 308, 357(d)  
**Access panels**, 292(a), 292(c)  
**Access stairs**, 375(i)(2)  
**Accessory additions**, 109  
**Accessory buildings, Inside Fire Districts**, 297(d)  
**Adjoining buildings, protection of**, 1026(d)  
**Adjoining properties**,  
caissons, 724  
cofferdams, 724  
construction required, 724  
excavations, 724, 1028  
filling operations, 1028  
foundation operations, 1029  
inspection, 1026(b)  
license to enter, 1026(a)  
physical examination, 1026(b)  
protection of, Subchapter 19, Art. 3  
underpinning, 724  
**Adjoining structures**, 1031(b)  
frost protection, 1031(b)(1)c  
license to enter, 1031(b)(1)  
protection of, 1037  
**Adjoining walls, protection of**, 1026(c)  
**Admixtures**, 608  
**Adsorption devices, mechanical ventilation**, 755  
**Air blower systems, construction**, 777(e)  
**Airborne noise**, 769(a)  
**Air-conditioned rooms**, 754(b)  
**Air conditioning systems**, Subchapter 12, Art. 7, 771  
city water, use of, 777(g)  
construction, 777(a)  
installation, 756  
operation, 756  
permits, 775

plans, 774  
ventilating systems, 777(a)  
**Air cooling**, 771  
permits, 775  
plans, 774  
**Air hammers**, 700(c)(1)  
**Air heating**, 771  
plans, 774  
permits, 755  
**Air Pollution Control Code**, 1019(a)  
**Air supply**, 807  
gas fuels, 807(b)  
oil fuels, 807(a)  
solid fuels, 807(c)  
**Air-supported structures**, Subchapter 7, Art. 19, 524  
blowers for, 516(a)  
certificate of occupancy, 517  
construction, 514(b)  
flame resistance, 515(b)  
heat for, 516(a)  
height, 510  
location, 510  
pressurization system, 516  
separations, 511  
**Aisles, assembly spaces**, 532  
capacity, 532(a)(1)  
lighting, 532(a)(9)  
steps, 532(a)(7)  
tapered, 532(a)(3)  
uniform, 532(a)(4)  
width, 532(a)(2)  
**Alarm systems, fire**, see Fire Alarm systems, sprinkler  
systems, 957, see also Sprinkler systems  
**Alcoves, natural ventilation**, 747  
**Alterations**, 992, 1007, Subchapter 19, Art. 7,  
and repair slip, 175, 184.1  
barricades, 1041  
between 30 and 60 percent of building value, 116  
of building value, 119  
cost, 119  
dumbwaiters, 992  
escalators, 992  
exceeding 60 percent of building value, 115  
high hazard occupancies, 123  
illegal, 118.1  
minor alterations, 124, 126  
multi-family dwellings, 731, 120  
occupancy change, 118

## Index

requiring facilities for people with physical disabilities, 123.1  
permits, 148(b)  
residence buildings, 121  
seasonal to year-round, 122  
signs, 1041  
under 30 percent of building value, 117  
use, change in, 118  
    requiring facilities for people having physical disabilities, 123.1

**Aluminum, identification**, 626  
inspection, materials and assemblies requirements, Table 10-1  
inspection, methods of construction requirements, Table 10-2  
quality control, 627  
structural design, Subchapter 10, Art. 8  
welding operations, 627(b)

**Amusement devices**, (RS 18-10)

**Amusement parks**, 548(e)

**Anchors, masonry** 3.3 (RS 10-1A), 9 (RS 10-1A), Section 3 (RS 10-1B), 9.8 (RS 10-1B)

**Anesthetic agents, storage**, 405

**Antenna supports, combustible construction**, 338(j)

**Apartment houses, Occupancy Classification**, Subchapter 3, Art. 11

**Arches, flat**, 12.1(RS 10-1A), 10.15.1.3 (RS 10-1B)  
    Inside Fire Districts, 297(g)

**Areas of refuge, doors, locking**, 372(d)  
    exits, 372(c)  
    floor area, 372(b)  
    separation, 372(a)

**Artificial lighting**, see Lighting, artificial

**Ash storage pits**, 422  
    boiler rooms, 422

**Assemblies, controlled inspection**, Table 10-1

**Assembly, places of**; see Places of assembly

**Assembly, classification Occupancy Group F**  
    places of assembly, 254

**Assembly Occupancy Classification**, see Occupancy Classification, assembly

**Assembly rooms, ventilation**, 765(c)

**Assembly spaces, aisles**, 532  
    bench seating, 531(a)(4)  
    bleacher seating, 531(a)(2) aisles, 531(2)c  
    box, 531(a)(1)  
    chair seating, 531(a)(1)  
    cross aisles, 532  
    counter seating, 531(a)(6)  
    curtains, 546(b)(9)  
    directional signs, 541  
        exit, 534(e)  
    emergency lighting, 542  
    exit doors, 534(f)  
    exit opening, 534  
        capacity, 534(a)

classification, 534(c)  
distribution, 534(d)  
location, 534(e)  
width, 534(b)  
exit signs, 541  
loge, 531(a)(1)  
movable chairs, 531(a)(1)  
normal entry, 534, 534(c)  
occupancy classification, Table 3-2 (F), Subchapter 3, Art. 8  
pew seating, 531(a)(4)  
platform seating, 531(a)(3)  
posted capacity, 527  
protective guards, 531(a)(8)  
safe areas, 535  
    collecting, 535(a)(1)  
    dimensions, 535(a)(3)  
    doors, 535(a)(7)  
    exits, 535(a)(6)  
    lighting, 540(a)  
    near grade, 535(a)(4)  
    occupied load, 535(a)(2)  
    ramps and steps, 535(a)(5)  
    seating plans, 528(a)  
    standee areas, 531(a)(7)  
    table and chair seating, 531(a)(5)  
travel distance, 533  
vomitories, 532(a)(10)

**Assembly structures, moving live loads**, 562(i)

**Asylums, fire alarm systems**, 972(e)

**Atomic energy, Federal Regulations**, 414

**Atriums**, Subchapter 7, Art. 21

**Auditoria, ventilation**, 765(c)

**Automotive lifts, construction**, 991(c)  
    plans, 985  
    permits, 986

**Automotive repair shops**, Subchapter 7, Art. 9  
    boilers, 419(b)  
    classification, 444  
    heating equipment, 448  
    Occupancy Classification, Table 3-2 (D-1)  
    pits, 446(b)  
    sprinkler system, 447  
    ventilation, 446

**Automotive service stations**, Subchapter 7, Art. 8  
    classification, 439  
    gasoline pumps, canopy, 441  
        location, 441  
    gasoline storage, 440  
    heating equipment, 442  
    Occupancy Classification, Table 3-2 (E)

**Auxiliary spaces, stages**, see Stages, auxiliary spaces

**Awnings, canvas**, 336(j)  
    slow-burning plastic, 336(j)

**Axial loads, pile foundations, allowable**, 700

## Index

### B

**Backflow**, 901(s), P107.18 (RS 16)

**Baking plants, Occupancy Classification**, Table 3-2 (D-1)

**Balconies, construction**, 369(h)(2)

- exit doors, 369(g)(4)
- horizontal exits, 373(c)
- lighting, 381(a)
- live loads, 558(b)(1)
- natural ventilation, 748

**Ballrooms, Occupancy Classification**, Table 3-2 (F-4)

**Bandstands, Occupancy Classification**, Table 3-2 (F-2)

**Banks, Occupancy Classification**, Table 3-2 (E)

**Banquet rooms, Occupancy Classification**, Table 3-2 (F-4)

**Barbecue grilles**, 826.01

**Barber shops, Occupancy Classification**, Table 3-2 (E)

**Barometric damper**, 881(a)

**Barricades**, 1041

- alterations, 1041
- dangerous areas, 1023(b)
- repairs, 1041
- vehicular traffic, control of, 1023(c)
- walkways, 1020

**Basements**, automatic sprinkler requirements, 929(c), 954 (aa)

**Batching equipment, automated**, 605(b)(5), 606

**Batch inspection, concrete**, 605(a)(5)

**Batch plant**, 605(a)(5)

**Bathrooms, artificial lighting**, 738

- ventilation, 759

**Batter piles**, 694(b)(6)

**Bay windows, combustible construction**, 336

- Inside Fire Districts, 297(c)

**Beacons, flashing**, 1023(a)

**Beams, first protection**, 324

- notches, 622(c)(3)
- tail, 622(c)(4)b

**Bearing materials, nominally**

- unsatisfactory, 677
- report required, 679
- satisfactory, 676

**Beauty shops, Occupancy Classification**, Table 3-2 (E)

**Belt conveyors**, 1057, 1058(a)

**Belt courses, combustible construction**, 335

**Bench seating**, 531(a)(4)

**Bent piles**, 691(c)

**Betatrons**, 416

**Bevatrons**, 416

**Billiard parlors, Occupancy Classification**, Table 3-2 (F-3)

- occupant load, Table 6-2

**Bins, Inside Fire Districts**, 297(h)

- loads, 571
- material, Inside Fire Districts, 297(h)

**Blasting**, Subchapter 19, Art.12

**Bleachers, seating**, 531(a)(2)

**Blower systems, air, construction**, 777(e)

- for air-supported structures, 516(a)

**Boiler breeching, noise control**, 770(b)(1)b

**Boiler piping, noise control**, 770(b)(1)b

**Boiler rooms**, Subchapter 7, Art. 5

- ash storage pits, 422
- enclosure, 419
- exit requirements, 423
- location, 420
- noise control, 770(b)(1)a
- Occupancy Classification, Table 3-2 (D-2)
- ventilation, 424

**Boilers**, 793, Subchapter 14, Art. 14

- acceptance tests, 793(a)
- annual use statements, 793(c)
- automotive repair shops, 419(b)
- hot water,
- fuel cut-off, (RS 14-5A)
- inspection, 793(b), 798
- noise control, 770(b)a
- one-family dwellings, 419
- operator's license, 795
- public garages, 419(b)
- two-family dwellings, 419

**Bonding**, 7 (RS 10-1A), 9.7 (RS 10-1B)

**Booster pumps, sprinkler systems**, 964

**Borings**, Subchapter 11, Art. 2

- auger, 665(b)
- boring data, 663(e)
- core, 663(c)(2)
- depth, 663(c)
- inspections, 720
- location, 663(b)
- mud slurry, 665(a)
- number required, 663
- one-family dwellings, 663(a)(1)
- probings, 666(a)
- rock cores, 666(a)
- report, 663(e)
- report required, 720(a)
- soil, 663(d)(1)
- two-family dwellings, 663(a)(1)
- uncased, 665(a)

**Borrowed lights**, 369(i)

**Bowling alleys, Occupancy Classification**, Table 3-2 (F-3)

- occupant load, Table 6-2

**Bracing**, 592, 1035(c)(5)

- demolition operations, 1039(e)(2)d
- pile, 694(a), 694(b)
- structural design, 592

**Breweries, Occupancy Classification**, Table 3-2 (D-1)

**Bridge rope**, 636(a)(3)

**Bridges, foot**, 1017(b), 1021(f)

- lighting, 1021(f)(3)
- live loads, 1021(f)(1)
- horizontal exits, 373(c)
- lighting, 381(a)
- pedestrian, see Pedestrian bridges

**Bridge strand**, 636(a)(2)

**Bridging**, 622(a)(6), 622(c)(2)

**Bucket conveyors**, 1058(a)

**Bucket hoists**, 1056

## Index

**Building access, fire department**, 292  
fire department, Subchapter 4, Art. 2, Subart. 1  
people with physical disabilities, Subchapter 4, Art. 2, Subart. 2

**Building classifications**, 234, 270  
building section, 240  
fire divisions, 240  
fire index, 239

**Building code, effective date, option to comply with prior code**, 105  
requirements, 105  
enforcement by Commissioner of Buildings, 106  
enforcement by Commissioner of Marine and Aviation, 106  
enforcement by Fire Commissioner, 106  
interpretation conflicting state and federal laws, 104  
variations by Board of Standards and Appeals, 107  
variations by Commissioner of Buildings, 107

**Building limitations**, Subchapter 4  
area limitations, Subchapter 4, Art. 6  
fire department access, Subchapter 4, Art. 2  
fire districts, Subchapter 4, Art. 3  
general, Subchapter 4, Art. 1  
general projection limitations, Subchapter 4, Art. 8  
height limitations, 305  
limitations inside the fire districts, Subchapter 4, Art. 4  
limitations outside the fire districts, Subchapter 4, Art. 5  
permissible projections beyond street lines, Subchapter 4, Art. 9  
physical disabilities, people with access, Subchapter 4, Art. 2, Subart. 2

**Building sections, area limitations**, 301

**Bulkheads, construction**, 338(b)  
roof structures, 338

**Bumpers, live loads**, 558(b)(4)  
open parking lots, 481(a)

**Bunkers, loads**, 571

**Business Classification, Occupancy Group E**, 253

**Business Occupancy Classifications**, see Occupancy Classifications, business

**C**

**Cabarets, Occupancy Classification**, Table 3-2 (F-4)  
fire protection, 549(a)(3), 549(b)

**Cable, wire**, see Wire Cable

**Cableways**, 1057

**Cafeterias, Occupancy Classification**, Table 3-2 (F-4)

**Caissons**, 724  
drilled-in, 663(c)(2)  
piles, 713

**Canopies, combustible construction**, 333(a)(2)(3)  
fire, 331(f)  
gasoline pump, 441

**Caps, chimney**, 865

**Carbon Monoxide, Detecting Devices and Systems**, 981.1, 981.2, 981.3, RS 17-13, RS-17-14

**Car frames, elevators, fire protection**, 325

**“Casing-off,”** 700(d)(7)

**Cast-in-place concrete piles**, 709

**Catch platforms**, 1022, 1039(e)(2)  
design, 1022(b)  
material storage, 1022(d)  
scaffolds, 1022(a)(1)

**Ceilings, construction**, 350  
fire protection, 327  
firestopping, 327  
joists, 622(c)(5)  
luminous, see Luminous ceilings, 350(a)  
openings, 327(a)

**Ceiling spaces, firestopping**, 345(d)

**Cellars, height limitations**, see Subchapter 2, Definitions  
automatic sprinkler requirements, 929(c), 954 (aa)

**Cement factor, concrete mixes, method I**, 605  
method II, 605(b)(2)  
method III, 605(c)  
minimum, 605(a)(1)

**Ceramic veneer**, 3.2.1(RS 10-1A), 10.14 (RS 10-1B)

**Cereal mills, Occupancy Classification**, Table 3-2 (A)

**Certificates of occupancy**, 213, 214

**Certificates of occupancy, applications**, 219  
Environmental protection administration, 219  
Transportation administration, 219

**Chains**, 1055(f)

**Chairs, movable**, 531(a)(1), 531(a)(5)

**Chair seating**, 531(a)(1)

**Charging chutes**, 834(a), 840, Subchapter 15, Art. 4  
doors, 875(d)  
incinerator, 834(a), 840, 875  
noise control, 770(b)(2)  
sizes, 875(c)  
sprinkler heads, 875(b)(4)

**Charging gates**, 841

**Chases 10.1 (RS 10-1A), 9.9.1 & 10.1 (RS 10-1B)**

**Chimney connectors, incinerator**, 878

**Chimneys**, 12.2 (RS 10-1A), Subchapter 15, Art. 2  
adjoining, 860  
altering, 860  
caps, 865  
classifications, 857  
cleanouts, 858  
clearances, 867  
condensation, 854(b)  
connections, 871  
connectors, see Connectors, chimneys  
construction, 856(b), 863  
corbelling, 866  
draft protection, 860(b)  
factory-built, 855, 869.01  
flue size, reduction in, 869.03  
fuels, appliance, changes in, 869.02  
gas-fired equipment, 882  
gas vents, 882, 883  
height, 859  
limitations, 306(d)

## Index

incinerator connectors, 878  
industrial incinerator, 877  
inspection and repair, 861(c)(2)  
limitations & tests, 863.01, Table 15-6.1  
locations, 859  
maintenance, 858  
materials, 862  
metal, 861  
    clearances, 861(b)  
    enclosure, 861(c)  
municipal incinerator, 877  
oil burner, 832  
    requirements, 856(a)  
service incinerators, 876  
smoke test, 856(e), 868  
standards, 850  
steel, 861(f),(g)  
supports, 864  
temperature, 854(a)  
test run, 856(d)

**Churches, Occupancy Classification**, Table 3-2 (F-1b)

**Chutes, charging**, see Charging chutes

**Chutes, waste material**, 1019(b)

**City Health Code**, radiological hazards, 414

**Civic administration buildings, Occupancy Classification**, Table 3-2 (E)

**Classrooms, occupant load**, Table 6-2  
    ventilation, 765(a)

**Clay**, 675(b)(3)  
    allowable bearing pressure, Table 11-2, Notes: (7)

**Cleanouts**, 858  
    doors, 870

**Clinics, Occupancy Classifications**, Table 3-2 (H-2)

**Coal bins, Inside Fire Districts**, 297(h)

**Coal pockets, Occupancy Classification**, Table 3-2 (B-1)

**Coatings**, 349

**Coffee houses, Occupancy Classification**, Table 3-2 (F-4)

**Cofferdams**, 724

**Column enclosures, firestopping**, 345

**Columns, fire protection**, 324

**Combustible appendages, exterior separation**, 336(c)  
    roof covering, 336(h)

**Combustible construction, bay windows**, 336  
    belt courses, 335  
    canopies, 333(a)(2)(3)  
    cornices, 335  
    enclosures, storm, 336  
    leaders, 335  
    porches, 336  
    porticos, 336  
    shutters, 335  
    storm enclosure, 336  
    roof coverings, 337

**Combustible materials**, 321  
    sign construction, 507  
    storage, 1019(c)  
    use of, 321, 507

**Combustible mixtures**, Subchapter 19, Art. 13

**Combustion chambers**, 886(a)

**Combustion equipment**, 787  
    clearances, Subchapter 14, Art. 8  
    reduction, 806  
    dampers, 808  
    foundation mountings, 804  
    high temperature, 803  
    low temperature, 801  
    medium temperature, 802  
    piping, 792

**Compacted concrete piles**, 710

**Compaction**, 679(a)(1)(d)

**Comparison piles**, 700(c)(3)a

**Composite piles**, 714

**Compressed gases**, Subchapter 19, Art. 13

**Compressors, noise control**, 770(b)(6)

**Concert halls, Occupancy Classification**, Table 3-2 (F-1b)

**Concrete**, Subchapter 10, Art. 5  
    admixtures, 608  
    batch inspection, 605(a)(5)  
    belt, 1058  
    cast-in-place-piles, 709  
    compacted piles, 710  
    controlled inspection, 607(a)  
    core tests, 596, 598  
    inspection, 607(a)  
        requirements, Table 10-1, Table 10-2  
        licensed testing laboratories, 609  
        lightweight aggregate, 605(b)(3)b  
        load test limitations, 599(b)(6)  
        pneumatically placed, 611  
        precast, 603, (RS 10-4)  
        preplaced aggregate, 613  
        quality control, 605(a)(5)  
        reinforced gypsum, Subchapter 10, Art. 9  
            inspection requirements, Table 10-1, Table 10-2  
            reinforcement identification, 604  
            short-span construction, 610  
            strength test, 607(a)(1)  
            test cylinder procedures, 607(a)(1)

**Concrete footings, design**, 684(d)(1)

**Concrete formwork**, 612, 1035  
    design, 1035(a)(3), 1035(c)  
    drawings required, 1035(b)(1)  
    inspection, 1035(b), 1035(d)(5)  
    record, 1035(b)(3)  
    live loads, 1035(c)(1)  
    removal, 1035(e)  
    slumps, Table 19-3, (Notes)

**Concrete mixes, documentation**, 606  
    cement factor, method 1, 605(a)  
        method II, 605(b)  
        method III, 605(c)  
    method I, 605(a)  
        cement factor, 605(a)(1)  
        controlled inspection, 605(a)(3)

## Index

- water-cement ratio, 605(a)(2)
- cylinder strength test, 605(a)(3)
- method II, 605(b)
  - automatic batching equipment, 605(b)(5)
  - cement factor, 605(b)(2)
  - materials, 605(b)(4)
  - quality control, 605(b)(6)
  - water-cement ratio, 605(b)(3)a
- method III, 605(c)
- on-site inspection, 607
- Concrete piles, cast-in-place**, 709
  - compacted, 710
  - precast, 708
- Condensation, gas vents**, 854(b)
- Conduits**, 1017(b)
  - embedding in fire protection, 324(a)
- Connections, chimney**, 871
  - cross, standpipe, 941
  - plumbing, to public water, 901(e)
    - to sewer systems, 901(e)
  - siamese, see Siamese connections
- Connectors, chimney**, Subchapter 15, Art. 3
  - construction, 870
  - underground, 873
  - gas vent, Subchapter 15, Art. 6
  - incinerator chimneys, 878
  - inspections, Subchapter 15, Art. 3, 874
- Conservation, water**, 901(c)
- Console lifts, construction**, 991(f)
- Construction**,
  - air blower systems, 777(e)
  - air conditioning systems, 777(a)
  - air-supported structures, 514(b)
  - automotive lifts, 991(c)
  - balconies, 369(h)(2)
  - building matters covered, 109
  - bulkheads, 338(b)
  - cable-supported, Subchapter 10, Art. 11
  - ceiling, 350
  - chimneys, 856(b), 863
  - classifications, Subchapter 3, Art. 14
  - combustible, see Combustible construction
  - concrete, core tests, 598
  - console lifts, 991(f)
  - conveyors, 991(e)
  - dry cleaning establishments, 427
  - dumbwaiters, 991(a)
  - elevators, 991(a),
    - uniform and concentrated live loads, (RS 9-2)
  - escalators, 991(a)
  - exhaust systems, 777(e)
  - exterior stairs, 376(c)
  - failure of performance, 597
  - fire escapes, 380(e)
  - fire-retardant scaffolds, 1042(f)
  - fire-retardant treated wood, 1019(b)(3)
  - folded-plate, Subchapter 10, Art. 10
  - footings, 687
- foundation piers, 687
- foundation walls, 687
- fuel oil tanks, 828(a)(1)
  - buried, 828(a)(4)
- furring, 346
- grandstands, 548(b)(1)
- heavy timber, 623
- heliports, 434
- hinged loading ramps, 991(d)
- hoists, 991(g)
- hoist towers, 1056(a)
- inadequate, 597
- incinerators, 843
- industrial lifts, 991(d)
- industrial failure, 597
- laboratories using radioactive materials, 415(a)
- landings, 375(h)
- lift method, 1035(h)
- live loads, 1035(h)(6)
- mechanized parking garage equipment, 991(b)
- moving walks, 991(a)
- nailing schedule, Table 10-4
- open parking structures, 462
- partitions, 346
- penthouses, 338
- plans, approval, Subchapter 1, Art. 9
- platforms, 375(h)
- power-operated scaffolds, 991(h)
- prestressed concrete, 1035(i)
- public garages, 452
- questionable construction, 597
- radio and television towers, 496
- refrigeration systems, 777(f)
- risers, 375(h)
- scissor stairs, 375(h)
- service equipment, Subchapter 1, Art. 8
- short-span concrete floor, 610
- signs, combustible materials, 507
  - slow-burning plastics, 507(b)
- site maintenance, Subchapter 19, Art. 2
- skylights, 338(b)
- slip form, 1035(g)
  - jacks, 1035(g)(4)
- stage floor, 546(b)(2)
- stage lifts, 991(f)
- stages, 548(c)
- stringers, 375(h)
- swimming pools, 489
- temporary, inspection, 1010
- thin shell, Subchapter 10, Art. 10
- treads, 375(h)
- ventilating systems, 777(a)
- warm air heating systems, Subchapter 14, Art. 11

- Construction classifications**, Subchapter 3, Art. 14, 269, Table 3-4
- reference standards, 235
- Construction elements, beams, fire-resistance ratings**, Table 3-4

## Index

bearing partitions, fire-resistance ratings, Table 3-4  
bearing walls, fire-resistance ratings, Table 3-4  
cable-supported rooms, fire-resistance ratings, Table 3-4  
columns, fire-resistance ratings, Table 3-4  
domes, fire-resistance ratings, Table 3-4  
exit passageways, fire-resistance ratings, Table 3-4  
exterior walls, fire-resistance ratings, Table 3-4  
floor construction, fire-resistance ratings, Table 3-4  
girders, fire-resistance ratings, Table 3-4  
hoistways, fire-resistance ratings, Table 3-4  
interior walls, fire-resistance ratings, Table 3-4  
roof construction, fire-resistance ratings, Table 3-4  
roof decks, fire-resistance ratings, Table 3-4  
shafts, fire-resistance ratings, Table 3-4  
shells, fire-resistance ratings, Table 3-4  
trusses, fire-resistance ratings, Table 3-4  
vertical exits, fire-resistance ratings, Table 3-4

**Construction Group I, noncombustible class,**  
Subchapter 3, Art. 15  
noncombustible classification, 274, Table 3-4  
construction Class 1-A, 275  
construction Class 1-B, 276  
construction Class 1-C, 277  
construction Class 1-D, 278  
construction Class 1-E, 279

**Construction Group II, combustible class,**  
Subchapter 3, Art. 16  
construction classification, 280, Table 3-4  
construction Class II-A, heavy timber construction, 281  
construction Class II-B, 282  
construction Class II-C, 283  
construction Class II-D, 284  
construction Class II-E, 285

**Construction materials, acceptance requirements, 131**  
acceptable laboratories, 131(c)  
accepted materials, 131(b)  
accepted materials certification, 131(f)  
Board's resolution of approval, 131(a)(2)  
code test method under engineer, 131(a)(1)  
code test method, manufacturer's certificate, 131(a)(1)  
code test method, test report, 131(a)(1)  
code test method by testing laboratory, 131(a)(1)  
code test method under architect, 131(a)(1)  
material retesting, 131(g)  
test results, conflicting, 131(h)  
alternate materials, 133  
equivalent materials, 133  
general requirements, 130  
inspection requirements, controlled inspection, special requirements, 132(a)  
controlled inspection, statement of compliance, 132(a)  
controlled inspection by architect, 132(a)  
controlled inspection by engineer, 132(a)  
off-site inspection, 132(c)  
semicontrolled inspection, statement of compliance, 132(b)  
semicontrolled inspection by architect, 132(b)  
semicontrolled inspection by engineer, 132(b)

semitcontrolled inspection by person superintending use of material, 132(b)

**Construction walkways, lighting, 1020(e)**

**Contractor offices, 1017(c)**  
fire retardant wood, 1017(c)

**Contractor responsibility, 1009(a)**

**Contractor sheds, 1017(c)**  
fire-retardant wood, 1017(c)  
live loads, 1021(b)  
sidewalk, 1021(a)(1), 1021(b)  
lighting, 1021(b)(10)

**Control valves, 941(a)**

**Convention halls, Occupancy Classification, Table 3-2 (F-1b)**

**Convents, Occupancy Classification, Table 3-2 (J-3)**

**Conveying equipment, permits, 986**  
plans, 985

**Conveyors, 1058**  
belt, 1058(a)  
bucket, 1058(a)  
construction, 1058  
guard rail, 1058(a)  
inspection requirements, 999(c)  
vertical, fire protection, 987(c)(1)

**Cooking equipment, restaurant, ventilation, 777(d)**

**Cooling towers, 338(i)**  
inside Fire Districts, 297(g)  
noise control, 770(b)(7)

**Corbeling, 10.2 (RS 10-1A), 10.4 (RS 10-1B)**  
chimneys, 866

**Core borings, 663(c)(2)**

**Core drilling, 663(e)**  
rock borings, 663(d)(2)

**Cores, rock, disposition, 663(f)**

**Core samples, rock borings, 663(d)(2)**

**Core test, concrete, 598**

**Cornices, combustible construction, 335**  
firestopping, 332, 345(e)

**Corridor doors, 371(b), 371(j)(1)a**  
locks, 371(j)(1)a.1.  
louvers, 371(b)  
mail slots, 371(b)  
power operated, 371(l)

**Corridors, dead end, 369(d), length, Table 6-1**  
exit capacity, Table 6-1  
exit width, Table 6-1  
exterior, construction, 369(f), 369(h)  
as fire canopies, 369(f)  
guards, 369(f)  
parapets, 369(f)  
interior construction, 369(h)  
interior finish, 348(d), 369(k)  
level changes, 369(e)  
lighting, 381(a)  
in places of assembly, Table 8-1  
ventilation, 369(j), 761  
wire glass, 369(i)

**Counter seating, 531(a)(6)**

**Court rooms, Occupancy Classification, Table 3-2 (F-1b)**

## Index

**Cranes, Testing Inspection**, 1057  
inspection, on-site, 1057(d)(1)  
live loads, moving, 562(e)  
special requirements, 1057(i)

**Crawl spaces, ventilation**, 762

**Cross aisles, assembly spaces**, 532  
capacity, 532(a)(1)  
lighting, 532(a)(9)  
width, 532(a)(2)

**Cross connections, standpipe**, 941

**Curb cuts**, 109  
open parking lots, 480

**Curbs, open parking lots**, 481(a)

**Curtains, draft**, Table 5-1 (Notes) (2)  
stages in places of assembly, 546(b)(9)

**Cyclotrons**, 416

**D**

**Dampers, barometric**, 881(a)  
combustion equipment, 808  
fireplace, 848.07(e)  
flue, 808

**Dance floors, occupant load**, Table 6-2

**Dance halls, Occupancy Classification**, Table 3-2 (F-4)

**Dangerous areas**, 1023(b)  
barricades, 1023(b)

**Day nurseries, Occupancy Classification**, Table 3-2 (H-2)

**Dead ends, corridors**, 369(d)  
length, 369(d)  
measurement, 369(d)

**Dead loads, building materials**, RS 9-1, unit weights, 553  
elevators, 555(b)  
equivalent uniform loads, 555(b)  
partitions, 555  
service equipment, air conditioning, 554  
equipment, 554  
elevators, 554  
flues, 554  
heating equipment, 554  
piping, 554  
plumbing stacks, 554  
reference to mechanical articles, 554  
stairs, 555(b)  
toilet rooms, 555(b)

**Demolition Operations**, 103, 1007, Subchapter 19, Art. 6, 1039  
bracing, 1039(e)(2)d.  
building code, 109  
catch platforms, 1022  
derrick, use, report, 1039(c)  
drainage, 1036(c)(3)  
dust, 1039(f)  
explosives, 1039(g)  
inspection, 1012, 1036(d)  
materials storage, 1039(e)(2)  
mechanical, 1039(d)  
permits, demolition applications, Subchapter 1, Art. 14  
photographs required, 171

property examination, 1036(d)  
sheet-piling, 1039(e)(2)d.  
shoring, 1039(e)(2)d.  
window boarding, 1036(c)(2)

**Department inspections, completed buildings, administrative code**, 211  
final, 210  
general provisions, 207  
inspector identification, 206  
preliminary, 208  
reports, record, 212  
writing requirement, 212  
right of entry and inspection, 205  
work progress, 209

**Department stores, marquees**, 313(a)(4)

**Derricks**, 1039(c), 1057  
capacity chart, 1054(b)  
inspection, 1012, 1057  
special requirements, 1057(i)

**Designs, drawings**, 1015  
specifications, 1015  
structural, 596

**Diesel hammers**, 700(c)(1)

**Diffusers, noise control**, 770(d)

**Diggers, mechanical, trench excavation**, 1032(d)

**Dining spaces, occupant load**, Table 6-2

**Dip finishing**, Subchapter 7, Art. 3

**Dipping spaces, sprinklers**, 412  
ventilation, 410

**Dip tanks**, 409(b)

**Discharge openings, internal combustion engine**, 869(b)

**Discontinued operations**, 1027  
drainage, 1027(b), 1031(d)  
fencing, 1027(a)  
filling, 1027(b)  
grading, 1027(b)  
water accumulation, 1027(b)

**Display structure**, Subchapter 7, Art. 17

**Distilleries, Occupancy Classification**, 243

**Diving Boards**, 489(h)

**Door assemblies, hoistway, fire protection**, 987(c)

**Door hardware**, 371(j)

**Door heights**, 371(f)

**Door openings, floor level**, 371(h)  
widths, 371(e)

**Doors, charging chutes**, 875(d)  
Corridor, see Corridor doors  
exit capacity, Table 6-1  
exits, 371(a)  
folding, partition, 347  
hoistway, fire protection, 987(c)  
horizontal exits, 371(d)  
horizontally sliding, 371(d)  
power-operated, 371(l)  
prohibited, 371(d)  
ramps, 377(c)(4)  
revolving, 371(m)  
safe areas, 535  
inspection, 371(m)(3)

## Index

smoke stop, 371(c)  
stair, 375(g)  
trap, shafts, 343(e)  
**Door swings**, 371(g)  
**Dormers**, 338(g)  
  roof, 338(g)  
**Dormitory buildings, school, Occupancy Classifications**, Table 3-2 (J-2)  
**Doubtful occupancies classification**, 268  
**Draft control, incinerators**, 839  
**Draft curtains**, 342(b)  
  Table 5-2, Notes, d.(2)  
**Draft hoods**, 881  
  gas vents, 884  
**Draft protection**, 860(b)  
**Drainage, abandoned construction**, 1027(b)  
  below street level, 901(j)  
  demolition operations, 1036  
  design, 901(g)  
  discontinued operations, 1027(b)  
  excavations, 1027(b), 1031(d)  
  maintenance, 901(g)  
  open parking lots, 481(b)  
  permits, 909  
  sanitary, 896  
    general requirements, 901  
    permits, 900  
    plans, 899  
    standards, 897  
  swimming pools, 492  
  storm, 896  
    general requirements, 901  
    permits, 900  
    plans, 899  
    standards, 897  
  testing methods, 922  
**Drawings, A.E. approval required**, 590  
**Dressing facilities, swimming pools**, 490  
**Dressing rooms**, 546(b)(11)  
  occupant load, 546(b)(11)c  
**Drillings, core, records**, 663(e)  
**Drive-in theaters**, 548(c)(4)d  
**Occupancy Classification**, Table 3-2 (F-2)  
  projection machines, 548(c)(4)d  
**Driveways, building code**, 109  
  live loads, 558  
**Dry cleaning establishments, classification**, 426  
  construction requirements, 427  
  direct-fired dryers, 431  
  floor finish, 427(b)  
  high hazard, 426(a)  
  low hazard, 426(c)  
  machines, 427(d)  
  moderate hazard, 426(b)  
  sprinkler systems, 430  
    carbon dioxide system, 430  
  ventilation, 428  
**Dry cleaning units, coin-operated**,  
  ventilation, 429  
**Drying spaces, sprinklers**, 412  
**Duct connections, noise control, fan equipment**, 770(b)(9)  
**Duct linings**, 769(a)(5)  
**Ducts, embedment in fire protection**, 324(a)  
  noise control, 770(a)(3)  
  maximum permissible air velocities, 770(c)  
  piercing ceilings, 327(a)  
  through rated construction, 343  
**Duckboarding, combustible construction**, 338(j)  
**Dumbwaiters, alterations**, 992  
  construction, 991(a)  
  filing by owners, 1000  
  permits, 986  
  plans, 985  
  temporary use permits, 1002  
  work permits, 1001  
**Dust, demolition operations**, 1039(f)  
**Dwelling, unit doors, locks**, 371(j)(2)b  
  viewing devices, 371(j)(2)b

## E

**Earthquake loads**, 569 (b), (RS 9-6, RS 10-1A, RS 10-1B, RS 10-5C, RS 10-58)  
**Earthwork applications, permits**, Subchapter 1, Art. 13  
**Eaves, combustible construction**, 335  
  firestopping, 333, 345(e)  
**Eccentricity**, 671  
**Educational Occupancy Classifications**, Table 3-2 (G)  
**Egress, Means**, 530  
**Electrical work, utilities**, 1013(c)  
**Electronic equipment in seating sections**, 546(a)(2)  
**Elevators, acceptance tests**, 997  
  alterations, 992  
  car frames, fire protection, 325  
  construction, 991(a)  
  dead loads, 554  
  emergency signal equipment, 987(f)  
  as exits, 987(g)  
  filing by owners, 1000  
  firemen service operation, 996.2  
  for fire department use, 953  
  freight, hand powered, 996  
  freight, retroactive provisions, 994(b)  
  grain, Occupancy Classification, Table 3-2 (A)  
  impact resistance, 987(c)  
  inspections, 998, 999, 1000  
  locks, 996.1  
  machinery, noise control, 770(b)(10)  
  manlifts, 988  
  mirrors, 987(e)  
  open parking structures, 471  
  operators, 1005  
  permits, 986  
  plans, 985  
  required, 368, 987(d)  
  retroactive provisions, 994  
    belt machines, 994(b)  
    car gate switches, 994(d)

## Index

- chain-driven machines, 994(b)
- drum winding machines, 994(c)
- emergency interlock release switch, 994(a)
- emergency signal, 994(f)
  - hoistway-door interlocks, 994(e)
  - hydraulic landing doors, 994(e)
- sidewalk, 988
- smoke protection plan, 353.1
- temporary, fire protection, 1014(a)
- temporary use permits, 1002
- tests, acceptance, 997
- intervals, 998
- use by Fire Department, 989
- work permits, 1001
- Embankment, slope limitation**, 1032(a)
- Emergency control panel**,
  - F-1a Places of assembly, 546(b)(10)
  - F-1b Places of assembly, 547(b)(4)
  - F-2 Places of assembly, 548(c)(4)
- Emergency lighting, assembly spaces**, 542
- Emergency power**, Subchapter 6, Art. 11
- Emergency signal equipment, elevators**, 987(f)
- Emission control, incinerators**, 835
- Enclosures, boiler rooms**, 419
  - column, firestopping, 345
  - hoistways, fire protection, 987(c)
  - metal chimneys, 861(c)
  - in places of assembly, 529
  - stair, 375(i)
  - storm, combustible construction, 336
    - inside Fire Districts, 297(c)
  - swimming pools, 493(b)
  - walkways, 379(d)
- Engines, internal combustion**, 869
  - exhaust pipe, 869(a)
- Entrances, combustible construction**, 336
  - public garages, 453
- Entry, right of**, 205
- Equipment applications, permit requirements**, 180
- Equipment use applications, permits**, see Permits, equipment use applications
- Equipment use permits**, 148(h)
- Equipment work applications, permits**, see Permits, equipment work applications
- Equipment work permits**, 148(g)
- Equipment rooms, Occupancy Classification**,
  - Table 3-2 (D-2)
- Equivalent outdoor air**, 754(b)(2)
- Erections**, 1007, Subchapter 19, Art. 5
- Escalators, alteration**, 992
  - capacity, 378(a)
  - construction, 991(a)
  - exit capacity, Table 6-1
  - as exits, 987(g)
  - filings by owners, 1000
  - inspection, 998, 999, 1000
  - lighting, 381(a)
- permits, 986
  - in places of assembly, Table 8-1
- plans, 985
- smoke protection plan, 353.1
- width, 378(a)
- work permits, 1001
- temporary use permits, 1002
- Essential services, disconnection of**, 1013(b)
  - maintaining, 1013(b)
  - utilities, 1013
- Established Market Area, marquees**, 313(a)(4)
- Evaporative Condensers, noise control**, 770(b)(8)
- Excavations**, 109, 660(b), 1007, Subchapter 19, Art. 4
  - adjoining properties, 724, 1028
  - building code, 109
  - drainage, 1027(b), 1031(d)
  - inspection, 1012
  - retaining structures, 1031(a)(1), 1032(a)
  - removal, 1031(a)(3)
  - seepage, 661(b)
  - sheeting, 1032(a)
  - shoring, 1032(a)
  - warning signs, lights, 1023(a)
- Exhaust flues**, 840
  - incinerator, 840
- Exhaust systems, construction**, 777(c)
  - cooking, construction, 777(c)
  - gas vents, 886(b), 886(c)
- Exhibition halls, Occupancy Classification**, Table 3-4 (F-3)
- Exhibition spaces, occupant load**, Table 6-2
- Exits, area of refuge**, 372(c)
  - from auxiliary stage spaces, 546(11)
  - balconies, 369(g)
    - doors, 369(g)(4)
    - guards, 369(g)(2)
    - parapets, 369(g)(2)
    - privacy screens, 369(g)(3)
  - capacity, 359
  - corridors, capacity, 369(a)
    - height, 369(b)
    - length, 369(c)
  - corridors, projections, 369(a)
    - width, 369(a)
  - discharge, 364
  - doors, 371(a)
    - assembly spaces, 534(f)
    - hardware, 371(j)(1)a
    - locks, 371(j)(1)a. 1 and (2)a
    - power-operated, 371(1)(c)
  - escalators, 378(a), 378(b)
  - false, 387
  - fire escapes, 368
  - fire exits, adjoining walls, 1026(c)
  - furnace rooms, 423
  - heliport, 436
  - horizontal, travel distance, 360(a)
  - inadequate, 356

## Index

- interior finish, 348
- lighting, Subchapter 6, Art. 6
  - in places of assembly, 540
- location, Subchapter 6, Art. 3
- moving walkways, 379
- number, Subchapter 6, Art. 4
  - floors, 366
  - rooms, 365
  - spaces, 365
- open parking structures, 469(a)
- openings, assembly spaces, 540
  - assembly spaces, distribution of, 534(d)
  - assembly spaces, location of, 534(e)
  - capacity, 534(a)
  - classification, 534(c)
  - serving a stage, 546(b)(4)
  - width, 534(b)
- party walls, 1037(b)
- passageways, capacity, 370(a)
  - height, 370(c)
  - interior finish, 370(g)
  - level changes, 370(d)
  - lighting, 381(a)
  - openings, 370(f)
  - in places of assembly, 537
  - projections, 370(b)
  - width, 370(b)
  - projection booths, 543(d)
- photoluminescent markings, 383
- public garages, 457
- reduction of, 367
- requirements, Table 6-1
  - boiler rooms, 423
  - building access, wheelchairs, 357(d)
  - capacity, corridors, Table 6-1
  - capacity, doors, Table 6-1
  - capacity, escalators, Table 6-1
  - capacity, exit passageway, Table 6-1
  - capacity, horizontal exits, Table 6-1
  - capacity, ramps, Table 6-1
  - capacity, stairs, Table 6-1
  - corridors, dead end length, Table 6-1
  - corridors, width, Table 6-1
  - incidental occupancies, 357(b)
  - mixed occupancy, 357(a)
  - multiple occupancy, 357(c)
  - in places of assembly, 537
  - travel distance, Table 6-1
- safe areas, 535(a)(6)
- signs, Subchapter 6, Art. 7, 534(e), 541
  - directional, 386
  - obstruction, 499
  - retroactive, Subchapter 6, Art. 8
- stage exits, 546(b)(4)
- stairs, curving, 375(e)(4)
  - skewed stairs, 375(e)(4)
- winders, 375(e)(3)
- street floor lobbies, 370(h)
  - candy and tobacco stands, 370(h)(4)
  - doors, 370(h)(3)a
  - information booths, 370(h)(4)
  - newsstands, 370(h)(4)
  - openings between, 370(h)(3)
  - show windows, 370(h)(3)d.(c)
  - width of, 370(h)(2)
- supplemental vertical, 374
- tenant spaces, 362
- types, Subchapter 6, Art. 5
- vertical, 357
  - in places of assembly, 538
  - separation of, 364
  - travel distance, 360(a)
- width, units of, 359
- Expeditors,**
  - registration requirements, 140.1
- Explosion hazard, 401**
- Explosion powered tools, Subchapter 19, Art. 11**
- Explosives, Subchapter 19, Art. 12**
  - demolition operations, 1039(g)
- Exterior mechanical equipment, noise control, Table 12-5**
- Exterior openings, permitted area, Table 3-4**
  - protection, Table 3-4
- Exterior open parking structures, 463**
- Exterior pilasters, combustible construction, 335**
- Exterior spaces, lighting, 540(b)**
- Exterior stairs, capacity, 376(a)**
  - construction, 376(c)
  - discharge, 376(f)
  - height, 376(b)
  - landings, 376(c)
  - location, 376(e)
  - openings, 376(d)
  - platforms, 376(c)
  - risers, 376(c)
  - travel distance, 360(a)
  - treads, 376(c)
- Exterior trim, 335**
  - combustible, 335
  - exterior separation, 335(a)(2)
  - firestopping, 335(a)
- Exterior wall openings, Table 3-5, 331(a)**
- Exterior walls, opening protectives, 331(b)**
  - openings, 331(a), Table 3-5
  - parapets, 333
  - vertical spacing of openings, 331(f)
- F**
- Factories, fire alarm systems, 972(c)**
- False exits, 387**
- Fan coil units, noise control, 770(d)**
- Fan, noise control, 770(b)(4)**
  - duct connections, 770(b)(9)
- Fascias, combustible construction, 335**

## Index

**Feed mills, Occupancy Classification**, Table 3-2 (A)

**Fencing**, Subchapter 7, Art. 18, 1021(c)  
discontinued operations, 1027(a)  
inside Fire Districts, 297(b)  
Occupancy Classification, Table 3-2 (K)  
parks, 509  
permitted heights, 509  
public playgrounds, 509  
school yards, 509  
on roofs, 334  
viewing panels, 1021(c)

**Fiber rope**, 1046(d), 1055(c)  
scaffolds, 1046(d)

**Fill**, see Fill Materials

**Filling, adjoining properties**, 1028  
affecting adjoining property, 1028  
building code, 109  
discontinued operations, 1027(b)

**Fill materials**, 678(a)(b)  
allowable soil bearing pressure, 678  
controlled, 678(a)(1)  
uncontrolled, 678(a)(2)

**Filters, ventilating systems, maintenance**, 782

**Finish, interior**, 348

**Finish flooring**, 348(c), 351

**Fire alarms, interior**, Subchapter 17, Art. 5  
where required, 968  
buildings, occupancy group E, 968(a)(9)  
closed circuit electrically supervised, 968(a)  
day care agencies, 968(a)(3)  
department stores, retail sales  
establishments, 968(a)(5)  
health clubs, bath houses, 968(a)(4)  
hotels, motels, lodging houses, dormitories,  
single rooms, 968(a)(1)  
permits, 927  
plans, 926  
public and private hospitals, sanatoriums, nursing  
homes, homes for the aged, 968(a)(2)  
public schools, 968(a)(6)  
single and multi-tenant factory buildings, 968(a)(7)  
standards, 924

**Fire alarm systems**, 923, Subchapter 17, Art. 5, 972(h), 975  
approvals, 969  
asylums, 972(e)  
classification, 971  
class C system, 971(i)  
class J system, 971(j)  
class J system, modified, 971(k)  
class J-1 system, modified, 971(l)  
class E system, 971(g)  
class E system, modified, 971(h)  
combination unit or zone, 971(e)  
existing installations, 970  
factory buildings, 972(c)  
general requirements, 971  
heliports, 437

hospitals, 972(e)  
identification of equipment, 973(e)  
individually coded, 971(c)  
general, 971(c)  
presignal, 971(d)  
location of instructions, 973(c)  
location of sending station, 973(a)  
location of sounding device, 973(b)  
master coded, 971(b)  
mixed occupancy buildings, 973(e)  
nursing homes, 972(e)  
required for specific occupancies, 972  
buildings, existing, 972(j)  
buildings, group E, 100 feet or more, 972(f)  
buildings, group E, less than 100 feet, 972(h)  
buildings, group C, 972(k)  
buildings, group C, high rise, 972(i)  
buildings, group J-1, 972(l)  
buildings, group J-1, existing, 972(m)  
other occupancies, 972(n)  
communication system and fire command station, 975  
fire alarm communication systems, 972(g)  
schools, 972(b)  
special, 971(f)  
standpipe fireline telephone and signaling system, 974(g)  
subdivided occupancy buildings, 973(g)  
uncoded, 971(a)

**Fire canopy**, 333(a)(3)

**Firecutting**, 621(a)

**Fire dampers**, 327(a), 343(d)

**Fire department access**, Subchapter 4, Art. 2

**Fire detection systems**, 923  
permits, 927  
standards, 924

**Fire districts, Bronx**, 293(b)  
Brooklyn, 293(c)  
limitations, Subchapter 4, Art. 4  
Manhattan, 293(a)  
mixed, 295  
Queens, 293(d)  
Richmond, 293(d)

**Fire divisions**, 340  
building classifications, 239  
firestopping, 340(i)  
horizontal exit, 342(a)  
mixed construction, 286

**Fire escapes**, 368, 380  
access, 380(f)  
capacity, 380(a)  
construction, 380(e)  
discharge, 380(g)  
guards, 380(d)  
handrails, 380(d)  
landings, 380(c)  
stairs, 380(b)

**Fire exit bolts**, 371(k)(1)

**Fire exits**, 1026(c)

## Index

**Fire fighting equipment**, 1014

**Fire hydrants, private installation**, 948

**Fire index**, 237

**Fireline systems**, see Standpipe systems, Subchapter 17, Art. 3

building classifications, 239

**Fireplaces**, Subchapter 14, Art. 19

clearances, 848.06(g)

dampers, 848.06(e)

factory-built, 848.09

hearths, 848.09

heat exchangers, 848.10

imitation, 848.11

masonry, 848.07

precautionary requirements, 848.12

smoke detecting devices for, 848.12(a)

stovepipe, 848.09(e)(1)

stoves, 848.02(c), 848.03

**Fire prevention, utilities**, 1013(a)

**Fire protection**, 324, 326

beams, 324

cavity walls, structural members, 324(c)

ceilings, 327

columns, 324

door assemblies, 987(c)

elevator car frames, 325

elevators, temporary, 1014(a)

embedding in, 324(a)

filings requirements, special, Subchapter 1, Art. 26

fire fighting equipment, 1014

fueling, 1014

hoistway doors, 987(c)

hoistway enclosures, 987(c)

horizontal conveyors, 987(c)(3)

inclined conveyors, 987(c)(2)

lintels, 326

permits, 1014

sprayed-on, 324(f), (g)

sprinkler systems, 1014(4)

standpipe systems, 1014(b)

structural design, 587

structural members, 324

vertical conveyors, 987(c)(1)

**Fire-protection plan**, Subchapter 1, Art. 25

**Fire-protection rating, tests**, 322

**Fire pumps**, 946

automatic, 945(b)(5)

standpipe systems, see Standpipe systems, fire pumps

wiring, 5(b)(1)(RS 17-1), 2-5.5 (RS 17-2)

**Fire-rated construction, plumbing**, 901(z)(2)

**Fire-resistance ratings**,

beams, Table 3-4

bearing partitions, Table 3-4

bearing walls, Table 3-4

cable-supported roofs, Table 3-4

columns, Table 3-4

construction assemblies, 323

domes, Table 3-4

exit passageways, Table 3-4

exterior walls, Table 3-4

floor construction, Table 3-4

girders, Table 3-4

hoistways, Table 3-4

interior walls, Table 3-4

party wall, 332

roof construction, Table 3-4

roof decks, Table 3-4

shafts, Table 3-4

shells, Table 3-4

tests, 322, 323

trusses, Table 3-4

vertical exits, Table 3-4

**Fire-resistant construction, plumbing**, 903

scaffolds, 1042(f)

**Fire-retardant treatment, tests**, 322

**Fire-retardant treated wood**, 328, 1019(b)(3), Table 3-5

acceptance, 328(b)

allowable stresses, 328(c)

area increase, 328(e)

construction, 1019(b)(3)

in construction Group 1, 328(d)

contractor offices, 1017(c)

contractor sheds, 1017(c)

in construction Group 11, 328(e)

fabrication after treatment, 328(c)

furring, 328(d)

labelling, 328(b)

in lieu of untreated wood, 328(e)

partitions, 328(d)(2), 346

stage construction in F-2 places of assembly, 548(c)(2)

use, 328(a)(c)

where permitted, 328(d),(e)

**Fire segregation**, 339

compartmentation, 339(c)

divisions, 339(a)

separations, 339(b)

**Fire separations**, 341

horizontal exit, 342(a)

**Fire towers**, 376.1

**Firestopping**, 324(a), 345, 810

ceilings, 327

ceiling spaces, 345(d)

column enclosures, 345

combustible exterior trim, 335(a)

cornices, 332, 345(e)

eaves, 332

fire divisions, 340(i)

inspection, 345(g)

insulation, 335.1

materials, 345(a)

partitions, 345

pipe spaces, 345

## Index

- roofs, 345
- smoke and heating venting, 353
- stairs, 345, 345(c)
- Fittings, rope**, 1055(e)
- Fixtures, plumbing**, see Plumbing, fixtures required, 901(1)
- Flagmen**, 1024
  - vehicular traffic control, 1023(c)
- Flagpoles, combustible construction**, 338(j)
- Flame resistance, air-supported structures**, 515(b)
  - tents, 515(a)
- Flame-spread rating, tests**, 322
- Flame-spread retardants**, 349
- Flammable mixtures**, Subchapter 19, Art. 13
- Flammable paints**, 406
  - storage, 405
- Flares, oil**, 1023(a)
- Flashing beacons**, 1023(a)
- Flat arches**, 12.1 (RS 10-1A), 10.15.1.3 (RS 10-1B)
- Flat plates, live loads**, 567
- Flat slabs**, 1035(f)(4)
  - live loads, 567
- Flood hazard areas**, 196, 288, Subchapter 4, Art. 10, 316, 316.1, 317, 317.1, 317.2, 550, 580, 652, 771, 787, 901(aa)
- Floor finish, dry cleaning establishments**, 427(b)
- Floor furnaces**, Subchapter 14, Art. 13
- Floors, firestopping**, 345
  - laboratories using radioactive materials, 415(b)
  - live loads, 557
  - occupant, load, 357
  - private garages, 477
  - stage, 546(b)(2)
  - wood, 622(c)
- Flour mills, Occupancy Classification**, Table 3-2 (A)
- Flow control, fuel oil tanks**, 830(h)
- Flue dampers**, 808
- Flues**, 856(c)
  - dead loads, 554
  - exhaust, 840
    - incinerator, 840
  - size, reduction in, 869.03
- Fly galleries**, 546(b)(6)
- Folding doors**, 347
- Folding partitions**, 347
- Food waste disposals**, list (RS-16)
- Foot bridges**, 1017(b), 1021(f)
  - lighting, 1021(f)(3)
  - live loads, 1021(f)(1)
- Footings**, Subchapter 11, Art. 6
  - concrete, 684(d)(1)
  - construction, 687
  - masonry, 684(d)(2)
  - poles, 684(b)
  - wood, 684(a)
- Fork lift trucks**, 1061
  - rated capacity, 1061
- Formwork**, 612
  - concrete, 1035
- inspection, 1035(d)(5)
- design, 1035(c)
- inspection, 1035(b)
- live loads, 1035(c)(1)
- removal, 1035(e)
- slumps, Table 19-3 (Notes)
- inspections, 1012
- Foundation and earthwork permits**, 148(c)
- Foundation applications, permit requirements**, 163
- Foundation mountings, combustion equipment**, 804
- Foundation piers**, Subchapter 11, Art. 6
  - construction, 687
  - design, 685
  - metal shells, 685(c)
- Foundations**, 1035(c)(6)
  - adjoining properties, 1029
    - affecting adjoining properties, 1029
  - construction, 661
    - cold weather, 661(a)
    - seepage, 661(b)
  - depth, 658
    - frost, 658(a)(5)
    - grade beams, 658(b)
    - piles, 658(a)(5)
  - different levels, 659
  - frost, 658(a)
  - loads, Subchapter 11, Art. 3
  - pavement, 658(a)(4)
  - pile, see Pile foundations
  - pole, 684(b)
  - portable buildings, 658(a)(4)
  - slabs on grade, 660
  - structural design, 591
- Foundation walls**, Subchapter 11, Art. 6
  - construction, 687
  - design, 686
- Foundries, Occupancy Classification**, Table 3-2 (D-1)
- Framework, inspection**, 1012
- Freight depots, Occupancy Classification**, Table 3-2 (B-1)
- Freight elevators**, 994(b)
- Frontage**, 291, 303
- Frontage space**, 291, 292(a)
- Frost protection, adjoining structures**, 1031(b)(1)c
- Fuel burning equipment inspections**, 798
  - inspection, 794(b)
  - instruction cards, 794(d)
  - temporary use permits, 794(c)
- Fueling, fire protection**, 1014
- Fuel oil equipment**, Subchapter 14, Art. 17
- Fuel oil heaters, piping**, 830
- Fuel oil storage, approval of**, 797
- Fuel oil tanks**, 828
- Fuel pumps, open parking structures**, 467
- Fuel storage**, 405
- Fuels, solid**, 807(c)
- Fuel storage equipment**, 787
  - field tests, 794(a)

## Index

piping, 792

**Furnace rooms**, Subchapter 7, Art. 5

- ash storage pits, 422
- enclosure, 419
- exit requirements, 423
- location, 420
- Occupancy Classification, Table 3-2 (D-2)
- ventilation, 424

**Furnaces**, 411, Subchapter 14, Art. 13

- automotive repair shops, 419(b)
- duct temperature, 821
- floor, Subchapter 14, Art. 13
- enclosures, 818
- location, 817
- pit clearances, 819(a)
- pit waterproofing, 819(b)
- supports, 819
- public garages, 419(b)

**Furring, construction**, 346

- fire-retardant wood, 328(a), 328(e), 346
- firestopping, 345

**G**

**Galleries, Occupancy Classification**, Table 3-2 (F-3)

**Garage doors as exits**, 371(d)

**Garages, concentrated live loads**, 561(d)(3)

- occupant load, Table 6-2
- private, Subchapter 7, Art. 12
- public, 419(b), Subchapter 7, Art. 10

**Gas burning equipment, standards**, 800

- Gases, compressed, Subchapter 19, Art. 13

**Gas-fired equipment**, Subchapter 14, Art. 16

- chimneys, 882

**Gas fuels**, 807(b)

- air supply, 807(b)

**Gasoline pumps, canopies**, 441

- location, 441
- open parking lots, 482(a)

**Gasoline storage**, 440

**Gas, establishing supply**, 904

**Gas piping**, 896

- general requirements, 901
- installation, 826
- outside gas service line valves, P 115.5(a)(RS-16)
- permits, 900
- plans, 899
- pressure, 922(l)(b)
- standards, 897

**Gas meter rooms, existing**, 918

**Gas systems, testing**, Subchapter 16, Art. 7

**Gas vents**, Subchapter 15, Art. 5

- adjoining, 889
- altering, 889(a)
- chimneys, 882, 883
- condensation, 854(b)
- connectors, Subchapter 15, Art. 6, 895

clearances, 893

draft hoods, 881

draft protection, 889(b)

equipment not vented, 880

exhaust systems, 886(c)

height, 888

installation, 879(c)

installation requirements, 887

labeling, 885

location, 888

prohibited terminations, 891

sealed combustion chambers, 886(a)

size, 895

special venting, 886

standards, 850

supports, 890

temperature, 854(a)

tests, 879(b)

thimbles, 894

types, 884

B and BW, 855

**Gates, charging**, 841

**Gauges**,

- non-mercury, 922 (d)(4)
- utilizing mercury, 902 (b)

**Girders, fire protection**, 324

**Glass block**, 10.5 (RS 10-1A), 10.13 (RS 10-1B)

**Glass panels**, Subchapter 10, Art. 12

- structural design, 643

**Glazing, slow-burning plastic**, 331(e)

- skylights, 338(d)(2)

**Grade beams**, 658(b)

**Grading, discontinuous operations**, 1027(b)

**Grain elevators, Occupancy Classification**, Table 3-2 (A)

**Grandstands**, 548(b)

- construction, 548(b)(1)
- live loads, moving, 562(i)
- motor vehicle parking, 548(b)(4)
- Occupancy Classification, Table 3-2 (F-2)
- parking, 548(b)(4)

**Gravity tanks**, 945(b)(3), 965

**Greenhouses, glazing**, 338(e)

- inside Fire Districts, 297(f)
- Occupancy Classification, Table 3-2 (B-2)
- roof structures, 338(e)

**Greenrooms**, 546(b)(11)

**Gridirons, places of assembly**, 546(b)(6)

**Grillages**, 684(c)

**Grilles, noise control**, 770(d)

**Grist mills, Occupancy Classification**, Table 3-2 (A)

**Ground signs**, 500, 506(a)

- inside Fire districts, 297(i)
- location, 500
- supports, 500(c)

**Ground water**, 661(b)

**Group Homes (definition)**, 232, Table 3-2, 375(i)(1)(b), 380

**Grout**, 3.4 (RS 10-1A), Section 4 (RS 10-1B)

## Index

**Grouted masonry**, 8 (RS 10-1A), 2.2.3 (RS 10-1B)

**Guard rails, conveyor**, 1058(a)  
multiple-point suspension scaffolds, 1047(f)(1)  
outrigger scaffolds, 1044(d)  
platforms, structural, 1052(b)  
public garages, 454  
scaffolds, 1042(g)  
standard, 1021(a)(4), 1021(f)(1), 1032(b), 1050  
scaffolds, 1050  
suspended scaffold, standard, 1046(g)

**Guards, fire escapes**, 380(d)  
interior stairs, 375(f)  
protective assembly spaces, 531(a)(8)  
standee areas, 531(a)(8)

**Gutters, combustible construction**, 335

**Gymnasiums, Occupancy Classification**, Table 3-2 (F-3)  
occupant load, Table 6-2

**H**

**Habitable rooms, natural ventilation**, 746

**Half-timber work**, combustible construction, 335

**Hammers, air**, 700(c)(1)  
diesel, 700(c)(1)  
hydraulic, 700(c)(1)  
steam, 700(c)(1)  
testing, 690  
vibrating, 700(c)(3)

**Handrails, fire escapes**, 380(d)  
interior stairs, 375(f)

**Hangers**, 1046(b)

**Hardpan**, 675(b)(2)

**Hardware, door**, 371(j)  
exit doors, 371(j)(1)a  
panic, 371(k)  
window, 371(j)

**Headers**, 622(a)(9), 622(c)(4)

**Headroom, interior stairs**, 375(c)

**Health center, government operated**, RS 3-3  
(Occupancy Group)

**Hearths, fireplace**, 848.07(d)

**Heat**, 725

**Heaters, fireplace**, 816  
recessed, 815  
room, 848.02(d), 848.03  
space, 419(d)  
unit, Subchapter 14, Art. 12  
supports, 814  
water, safeguarding against explosion, 901(d)

**Heating coils, fuel oil tanks**, 830(g)

**Heating equipment**, 787  
automatic service station, 442  
clearances, 805  
reduction, 806  
dead loads, 554  
foundation mountings, 804  
piping, 792

public garages, 459

**Heating requirements**, 740

**Heating systems, design**, 744  
warm air, Subchapter 14, Art. 11.

**Heavy-duty scaffolds**, 1042(b)(3)c

**Heliports**, Subchapter 7, Art. 7  
classification, 433  
construction, 434  
exits, 436  
fire protection, fire alarm facilities, 437  
foam extinguishing equipment, 437  
standpipe systems, 437(a)  
live loads, 562(i)  
Occupancy Classifications, 243  
refueling facilities, 435

**High hazard occupancies**, Subchapter 7, Art. 2  
Group A, 419(b)  
location, 403  
sprinkler requirements, 404

**High hazard occupancy classifications**, 243

**Hinged loading ramps, construction**, 991(d)

**Hoist cars**, 1056(b)

**Hoisting equipment**, Subchapter 19, Art. 10  
fueling, 1054(b)  
inspection, 1054(b)  
loading, 1054(b)  
operation, 1044(a)  
permits, 986  
plans, 985  
testing inspection, power operated derricks and cableways, 1057

**Hoisting machines**, 1045  
scaffolds, 1045(a)

**Hoisting ropes, inspection**, 1012, 1055

**Hoists, bucket**, 1056  
construction, 991(g)  
filing by owners, 1056(a)(1)  
inspection, 998(d)  
platform, 1056  
temporary use permits, 1002  
work permits, 1001

**Hoist towers**, 1056(a)  
back structures, uniform and concentrated live loads, (RS 9-2)  
construction, 1056(a)

**Hoistway doors, locks**, 996.1

**Homes for the aged, Occupancy Classification**, Table 3-2 (H-2)

**Hoods, draft**, 881

**Horizontal exits, balconies**, 373(c)  
bridges, 373(c)  
capacity, 373  
door requirements, 373(b)  
travel distance, 360(a)  
tunnels, 373(c)

**Horizontal loads, load distribution**, 579  
shear walls, 579(a)  
partitions, 579(d)  
walls, 579(d)

## Index

**Horizontally sliding doors**, 371(d)

**Hose outlet valves**, 942(a)

**Hose stations**, 942

auxiliary, 942(d)

hose quality, 942(c)

hose size, 942(c)

hose type, 942(c)

length of hose, 942(b)(1)

location, 942(b)

outlet valves, 942(a)

**Hospitals, fire alarm systems**, 972(e)

Occupancy Classification, Table 3-2 (H-2)

plumbing, 912

**Hot water piping**, Subchapter 14, Art. 10

**Hotels, marquees**, 313(a)(4)

Occupancy Classifications, Table 3-2, (J-1)

**Hydrants, yard**, 933

**Hydraulic hammers**, 700(c)(1)

**Hydrostatic pressures, lateral loads**, 670(a)

## I

**Illuminated signs**, 505

ground signs, 505(a)

marquee signs, 505(a)

projecting signs, 505(a)

roof signs, 505(a)

wall signs, 505(a)

**Impact Noise Rating (INR)**, 769(b)(1)

**Impact protection, structural member**, 324(b)

**Incinerators**, Subchapter 14, Art. 18

auxiliary heat, 842

charging chutes, 834(a), 840

noise control, 770(b)(2)

charging gates, 841

chimney connectors, 878

combined chimney, 876(c)

connectors, chimneys, 878

construction, 843

draft control, 839

emission control, 835

emissions, 835

exhaust flues, 840

industrial chimneys, 877

instruction posting, 848

masonry, 843(a)

municipal chimneys, 877

performance, 836

permitted types, 835

required types, 835

rooms, 837

fixed ventilation, 838

service, chimneys, 876

steel-cased, 843(b)

**Index pile**, 700(c)(3)b

**Induction units, noise control**, 770(d)

**Industrial Code Labor Law**, 1007

**Industrial incinerators, chimneys**, 877

**Industrial lifts, construction**, 991(d)

permits, 986

plans, 985

**Industrial Occupancy Classifications**, see

Occupancy Classifications, industrial

**Industrial smoke houses, Occupancy Classification**,

Table 3-2 (A)

**Industrial wastes**, 896, 901(h)(2)

**Inside Fire Districts**, 293

bay windows, 297(c)

bins, 297(h)

coal bins, 297(h)

cooling towers, 297(g)

parking lot offices, 297(d)

roof signs, 297(i)

roof structures, 297(g)

storm enclosures, 297(c)

**Inspection certificate, posting**, 1004

**Inspection failure, remedies and possibilities**, 597

**Inspections, foundations**, Subchapter 11, Art. 13

adjoining property, 1026(b)

boilers, 793(b), 798

boring operations, 720

commissioner direction, 207

concrete, 607(a)

controlled, 607(a)

requirements, Table 10-1, Table 10-2

concrete formwork, 1035(b), 1035(d)(5)

concrete mixes, 605

construction materials, 132

controlled, pilings, 721

refrigeration systems, 781(a)

report required 720(a)

soil load bearing tests,

Subchapter 11, Art. 5

structural materials, Table 10-1

conveyors, requirements, 999(c)

cranes, 1012, 1057(d)(1)

demolition operations, 1012, 1036(d)

department, see Department Inspections

derricks, 1012, 1057(d)(1)

dumbwaiters, requirements, 999(a)

elevators, 998

agencies, 1000

amusement, 998(c)

car safeties, 998(a)(1)

counterweight safeties, 998(a)(1)

hydraulic, 998(a)(3)

oil buffers, 998(a)(2)

requirements, 999

escalators, 998(b)

agencies, 1000

requirements, 999(a)

excavation, 1012, 1032(a)

exterior walls, 129(a)

framework, 1012

## Index

fuel burning equipment, 794(b), 798  
gas piping, 919  
hoisting ropes, 1012, 1047(c)(3)  
lifts, requirements, 999(c)  
masonry requirements, Table 10-1  
pilings, 721  
plumbing, 919  
    notification, 920  
power-operated scaffolds, 998(e), 1049  
refrigeration systems, 781(a)  
reports, commissioner acceptance, 207  
retaining structures, 1010  
revolving doors, 371(m)(3)  
right of, 205  
scaffolds, 1000, 1045(b)  
shoring, 1010  
signs, 508(b)  
sprinkler systems, 967  
standpipe systems, 951  
steel requirements, Table 10-2  
structural design, failure of performance, 597  
subgrade, 723  
suspended scaffolds, 1045(b)  
temporary construction, 1010  
test expense, 207  
underpinning, 1010  
unreinforced masonry requirements, Table 10-2  
unsafe conditions, 1012  
**Inspector identification**, 206  
**Installation, sprinkler systems**, 959(b)  
    standards, 956  
    standpipe systems standards, 950  
**Installer license, oil-burning equipment**, 796  
**Institutional Occupancy Classification**, Table 3-2 (H-1)  
**Institutional plumbing**, 912  
**Insulation, combustible roof**, 337(c)  
    materials, 811  
**Interior finish**, 348  
    classification, 348(b)  
    Class II-A construction, 348(c)(3)  
    corridors, 348(c)(4)(d), 369(k)  
    exits, 348(d)  
    flame-spread rating, 348(b)  
    floor coverings, 348(c)(1)  
    flooring, 348(c)(1)  
    in place of assembly, 529  
    paint, 348(c)(2)  
    laboratories using radioactive materials, 415(f)  
    toxicity, 348(e)  
    wallpaper, 348(c)(2)  
**Interior stairs**, 375  
    capacity, 375(a)  
    guards, 375(f)  
    handrails, 375(f)  
    headroom, 375(c)  
    interior finish, 375(i)(3)  
    landings, 375(d)  
platforms, 375(d)  
width, 375(b)  
**Irritants, airborne, ventilation of rooms with**, 766

**J**

**Jacks**, 1064  
    rated capacity, 1064(a)  
    slip form construction, 1035(g)(4)

**Jails, Occupancy Classification**, Table 3-2 (H-1)

**Jetting**, 705(b)

**Joists, steel**, 1034(a)(2)  
    ceiling, 622(c)(5)  
    open web steel, 614(c)

**K**

**Kindergartens, occupant load**, Table 6-2

**Kitchens, industrial, Occupancy Classification**, Table 3-2 (D-1)  
    occupant load, Table 6-2  
    ventilation, 758

**L**

**Laboratories, industrial, Occupancy Classification**, Table 3-2 (D-2)  
    occupant load, Table 6-2  
    using radioactive materials, construction, 415(a)  
        electrical controls, 415(e)  
        floors, 415(b)  
        interior finish, 415(c)  
        plumbing, 415(g)  
        sprinkler protection, 415(d)  
        ventilation, 415(f)

**Labor law**, 1007

**Lacquers**, 406

**Ladders, swimming pools**, 489(c)

**Landings, construction**, 375(h)  
    exterior stairs, 376(c)  
    fire escape, 380(c)  
    interior stairs, 375(d)  
    lighting, 381(a)

**Lanterns**, 1023(a)

**Lateral loads, earth pressures**, 670(a)  
    hydrostatic pressures, 670(a)  
    piles, 701  
    surcharges, 670(a)  
    wind, 670(b)

**Laundries, industrial, Occupancy Classification**, Table 3-2 (D-2)

**Leaders, combustible construction**, 335

**Lecture halls, Occupancy Classification**, Table 3-2 (F-lb)

**Libraries, Occupancy Classification**, Table 3-2 (G)  
    occupant load, Table 6-2

**Lift method construction**, 1035(h)  
    live loads, 1035(h)(6)

## Index

**Lifts, automotive**, 991(c)  
console, construction, 991(f)  
industrial construction, 991(d)  
stage, 546(b)(2)b, 991(f)  
temporary use permits, 1002  
work permits, 1001

**Light duty scaffolds**, 1042(b)(3)a

**Lighting**, 725  
aisle, 532(a)(9)  
artificial, Subchapter 12, Art. 4  
bathrooms, 738  
places of assembly, 737  
toilet rooms, 738  
balcony, 381(a)  
borrowed, 369(i)  
bridge, 381(a)  
construction walkway, 1020  
corridor, 381(a)  
cross aisle, 532(a)(9)  
emergency, assembly spaces, 542  
escalator, 381(a)  
exit, Subchapter 6, Art. 6  
passageways, 381(a)  
in places of assembly, 540  
exterior space, 540(b)  
footbridge, 1021(f)(3)  
landings, 381(a)  
motion picture projections, 543  
natural, Subchapter 12, Art. 13  
pedestrian bridges, 1021(f)(3)  
platforms, 381(a)  
projection machines, 543(b)  
ramps, 381(a)  
red, 1023(a)  
safe areas, 540(a)  
spotlights, 543(c)  
stage, 546(b)(12)  
in places of assembly, 547(b)(4)  
stairs, 381(a)  
temporary sidewalks, 1021(e)  
tunnels, 381(a)  
walkways, 1021(e)  
warning, 1023

**Light projection**, 543

**Linear accelerators**, 416

**Lintels, fire protection**, 324, 326  
stone, fire protection, 326

**Liquid-seal traps**, 901(o)

**Live loads**, Subchapter 9, Art. 3, 566  
areaways, 558(b)(1)  
balconies, 558(b)(1)  
bumpers, 558(b)(4)  
catch platforms, 1022(b)  
concentrated, 557(b)  
concrete formwork, 1035(c)(1)  
construction elevator, (RS 9-2)  
conformance, 557(d)

contractor sheds, 1021(b)  
contributory floor areas, columns, 567(c)  
flat plates, 567(b)  
flat slabs, 567(b)  
foundations, 568  
girders, 567(c)  
joists, 567(d)  
minor framing, 567(d)  
one-way slabs, 567(a)  
ribbed slabs, 567(a)  
trusses, 567(c)  
two-way slabs, 567(a)

Department of Highways, 558(a)(1)  
driveways, 558  
flat plates, 566(c)  
flat slabs, 566(c)  
floor, 557  
footbridges, 1021(f)(1)  
garages, concentrated loads, 561(d)(3)  
heliports, 562(j)  
lift method construction, 1035(h)(6)  
marquees, 561  
material hoist tower back structures, (RS 9-2)  
moving, 562, 563(b)  
assembly structures, 562(i)  
cranes, 562(e)  
grandstands, 562(i)  
machinery supports, 562(h)  
monorails, 562(f)  
railroad equipment, 562(d)  
stadiums, 562(i)  
truck, 562(c)  
vehicles, 562(b)

nonconcurrence, 557(c)  
parapets, 558(b)  
parking areas, 559  
partial loading, 563  
load combination, 563(a)(1)b  
pedestrian bridges, 1021(f)(1), 1021(f)(3)  
places of assembly, 558(b)(1)  
railings, 558, 558(b)  
dwellings, 558(b)(1)  
reduction of, Subchapter 9, Art. 4  
contributory areas, 567  
roofs, 558(b)(1), 561  
service equipment, 557(b)(2)  
sidewalks, 558  
stairwells, 558(b)(1)  
theaters, balconies, 558(b)(1)  
scenery, 560  
stage areas, 560  
wind load, 561(b), 561(d), 562(i), 569(a)

**Load bearing tests**, see Test, load bearing

**Load distribution**, Subchapter 9, Art. 7  
horizontal loads, 579  
shear walls, 579(a)  
piles, 700(a)(3)

## Index

**Loading, hoisting equipment**, 1054  
ladder type platforms, 1046(f)(1)  
limitations, 1009(b)  
outrigger scaffolds, 1044  
platforms, load bearing tests, 682(b)(1)  
ramps, 1053  
hinged construction, 991(d)  
permits, 986  
plans, 985  
runways, 1053  
scaffolds, 1042(b)(2)  
trucks, 1059  
wire rope, 1045(d)

**Loads, axial, pile foundations**, 700  
bin, 571  
bunker, 571  
dead, 553  
fire, building classifications, 239  
horizontal wall, 578(d)  
ice, 575  
lateral, see Lateral loads  
live, see Live Loads  
partition, 555  
pile, load, Subchapter 11, Art. 8  
pile foundation, Subchapter 11, Art. 8  
posting, 564  
scaffold, 1042(b)(2)  
standard, 1042(b)(3)  
shrinkage, 577  
thermal forces, 576

**Load tests**, 596, 599, 700(e)(2)a  
completed construction, 599(b)  
deflection requirement, 599(b)(2)  
concrete limitations, 599(b)(6)  
deflection requirement, 599(a)(4)  
models, 599(a)(5)  
prequalifying, 599(a)  
strength requirements, 599(a)(3)  
structural design, Subchapter 10, Art. 3  
unidentified materials, 588  
used materials, 588

**Lobbies, street floor, candy and tobacco stand exits**, 370(h)(4)  
exits, 370(h), 370(h)(3)a  
information booth exits, 370(h)(4)

**Locker rooms, occupant load**, 358(c), Table 6-2  
ventilation, 760

**Lockers, ventilation**, 765(b)

**Locks, building entrance doors**, 371(j)(2)a  
corridor doors, 371(j)(1)a  
dwelling unit doors, 371(j)(2)b  
exit doors, 371(j)(1) and (2)  
openable windows, 371(j)(2)c

**Lodging houses, Occupancy Classifications**,  
Table 3-2, (J-1)

**Loges**, 531(a)(1)  
seating in, 531(a)(1)

**Lot survey, occupancy certificate application**, 219

**Louvers, corridor doors**, 371(b)

**Lumber**, 617(a)  
and timber construction (RS 10-8)  
glued-laminated, 617(c)

**Luminous ceilings**, 350(a)  
in exits, 350(a)(2)a  
glass, 350(a)(1)a  
slow-burning plastic, 350(a)(2)d

**M**

**Machine rooms**, 344(f)

**Machinery supports, moving live loads**, 562(h)

**Mail slots corridor doors**, 371(b)

**Mains, private yard**, 945(b)(2)

**Maintenance**, 109  
chimney, 858  
construction site, 1018(a)  
exterior walls, 129  
plumbing system, 901(t)  
refrigeration system, Subchapter 13, Art. 3  
requirements, 127  
owner responsibility, 128  
sign, 508(a)

**Malls**, Subchapter 7, Art. 22

**Manlifts**, 988

**Mansard roofs**, 338(f)

**Market area, established**, 313(a)(4)

**Markets, Occupancy Classification**, Table 3-2(c)

**Marquees**, 313(a)(4)  
department store, 296(a)(4)  
hotel, 313(a)(4)  
live loads, 561  
market, 313(a)(4)  
multi-family dwelling, 313(a)(4)  
projection beyond street level, 313(a)(4)  
public building, 313(a)(4)  
skylights, 313(a)(4)  
supermarket, 313(a)(4)  
terminal, 313(a)(4)  
theater, 313(a)(4)  
warehouse, 313(a)(4)

**Marquee signs**, 504, 505(a)  
supports, 504(c)

**Masonry**, 1 (RS 10-1A), (RS 10-1B)  
absorption tests, 3.2.1(b) (RS 10-1A)  
allowable stresses, Table RS 10-1.5 (RS 10-1A),  
Tables 9.4.2 & 10.12.3 (RS 10-1B)  
anchors, 3.3 (RS 10-1A) 9. (RS 10-1A), Section 3 (RS 10-1B),  
9.8 (RS 10-1B)  
bearing stresses, 4.7 (RS 10-1B), 5.12.2 (RS 10-1B)  
bonding, 7 (RS 10-1A), 9.7 (RS 10-1B)  
column design, 4.4 (RS 10-1A), 5.9 (RS 10-1B)  
compressive strength determination, 4.2.2 (RS 10-1A),  
1.6 (RS 10-1B)  
design, 4 (RS 10-1A), Chapter 5 (RS 10-1B)  
empirical provisions, 6. (RS 10-1A), Chapter 9 (RS 10-1B)

## Index

filled cell, 8. (RS 10-1A)  
footings, 684(d)(2)  
frost protection, 10.14 (RS 10-1A), 2.3.2.2 (RS 10-1B)  
glass block, 10.5 (RS 10-1A), 10.13 (RS 10-1B)  
grouted, 8. (RS 10-1A), 2.2.3 (RS 10-1B)  
height limitations, 5.2 (RS 10-1A), 9.2 (RS 10-1B),  
Tables 1.6.3.3(b), 1.6.3.3(c) (RS 10-1B)  
identification of units, 601(a)  
incinerators, 843(a)  
inspection requirements, Table 10-1, 1.5.1 (RS 10-1B)  
joint reinforcement, 3.3.1 (RS 10-1A),  
3.2.1.1.2 (RS 10-1B)  
lateral support, 5. (RS 10-1A), 9.5 (RS 10-1B)  
minimum thickness, Table RS 10-1.3 (RS 10-1A),  
Table 10.14.1.1 (RS 10-1B)  
prism tests, 4.2.2(a) (RS 10-1A), 1.63 (RS 10-1B)  
reinforced, 600(b), Chapter 7 (RS 10-1B)  
inspection requirements, Table 10-2  
slenderness ratio, 4.4.1 (RS 10-1A)  
stack bond, 7.7 (RS 10-1A), 10.12 (RS 10-1B)  
thickness limitations, 5.2 (RS 10-1A), (9.6 of RS 10-1B)  
ties, 3.3 (RS 10-1A), (9 of RS 10-1B)  
units, 3.2 (RS 10-1A), (2.2.1 of RS 10-1B), 2.3.3.3  
(RS 10-1B)  
unit tests, 4.2.2(b) (RS 10-1A), 1.6.2 (RS 10-1B)  
unreinforced, 600(a), Table 10-2, Chapter 6 (RS 10-1B)  
inspection requirements, Table 10-2  
use of existing walls, 10.7 (RS 10-1A), 10.9 (RS 10-1B)  
veneer, 11. (RS 10-1A), 10.14 (RS 10-1B)  
wall design, 4.4 (RS 10-1A), 5.8 (RS 10-1B)  
walls, 1022(a)(2), (10.6 of RS 10-1B), 9.6 (RS 10-1B)  
**Material bins, inside Fire Districts**, 297(h)  
**Materials, bearing**, see Bearing materials  
chimney, 862  
combustible, 321  
sign construction, 507  
storage, 1019(c)  
construction, see Construction materials  
fill, see Fill materials  
insulation, 811  
noncombustible, 321  
nonconforming, 902 (a)(b)  
plumbing, 901(q)  
condemned, 901(r)  
radioactive, see Radioactive materials  
removal chutes, 1019(b)  
slow burning plastic, 330  
storage, 1019, 1039(e)(2)  
catch platforms, 1022(d)  
demolition operations, 1039(c)  
structural, see Structural materials  
structural elements, 586  
ungraded, 588  
unidentified, 588  
used, 588  
waste removal, 1019(a)  
**Mechanical diggers, trench excavation**, 1032(d)

**Mechanical equipment, exterior, noise control**,  
770(a)(4), Table 12-5  
noise control, multiple dwellings, Subchapter 12, Art. 9  
**Mechanical ventilation**, Subchapter 12, Art. 7, 771  
adsorption devices, 755  
index for ventilation, 753  
make-up air, 754(d)  
noise control, 776(b)  
outdoor air intakes, 754(f)  
permits, 775  
plans, 774  
recirculated air, prohibited use, 754(e)  
required exhaust, 754(c)  
water closet compartments, 755(c)  
**Mechanized parking garage equipment**,  
construction, 991(b)  
permits, 1001  
plans, 985  
**Medium duty scaffolds**, 1042(b)(3)b  
**Meeting rooms, occupant load**, 358(c)  
**Mental institutions, Occupancy Classification**, Table 3-2 (H-1)  
**Mercantile, Occupancy Classification**, Table 3-2 (C)  
**Metal chimneys**, 861  
**Metal signs, sprinkler systems**, 959(a)(3)  
**Mills, cereal, Occupancy Classification**, Table 3-2 (A)  
feed, Occupancy Classification, Table 3-2 (A)  
flour, Occupancy Classification, Table 3-2 (A)  
grist, Occupancy Classification, Table 3-2 (A)  
starch, Occupancy Classification, Table 3-2 (A)  
sugar, Occupancy Classification, Table 3-2 (A)  
**Minor alterations**, 124  
**Mirrors, elevator**, 987(e)  
**Mixed construction, building section**, 286  
classifications, 286  
fire divisions, 286  
**Mixed districts, fire districts**, 295  
**Mixing machines**, 1063  
**Monorails, moving live loads**, 562(f)  
**Mortar**, 3.4 (RS 10-1A), 2.3.2.5 & 2.3.3.3 (RS 10-1B),  
types permitted, Table RS 10-1.2 (RS 10-1A), 2.2.2.1  
(RS 10-1B)  
**Motels, Occupancy Classification**, Table 3-2 (J-1)  
**Motion picture film**, RS-8  
**Motion picture projection**, 543(b)  
**Motion picture projectors in seating section**, 546(a)(2)  
**Motion picture screens**, 544  
**Motion picture theaters, Occupancy Classification**,  
Table 3-2 (F-1b)  
**Motor vehicle parking at grandstands**, 548(b)(4)  
**Moving walk**, 379  
construction, 991(a)  
permits, 986  
plans, 985  
temporary use permits, 1002  
work permits, 1001  
**Mud slurry, borings**, 665(a)  
**Multi-family dwellings, alteration**, 731

## Index

marquees, 313(a)(4)  
**Multiple dwellings, noise control**, Subchapter 12, Art. 9  
**Multiple occupancy**, 242  
**Municipal incinerators, chimneys**, 877  
**Museums, Occupancy Classification**, Table 3-2, (F-3)

### N

**Nailing schedule**, Table 19-4  
**Nailing schedule, construction**, Table 10-4  
**Natural lighting**, Subchapter 12, Art. 3  
**Natural ventilation**, Subchapter 12, Art. 6  
    alcoves, 747  
    balconies, 748  
    habitable rooms, 746  
    occupiable rooms, 745  
    sources, 749  
    ventilating openings, 749  
**Netting, safety**, 1022  
**New building permits**, 148(a)  
**Night clubs, Occupancy Classification**, Table 3-2 (F-4)  
**Nitric acid**, Subchapter 7, Art. 20  
**Noise, airborne**, 769(a) structure-borne, 769(b)  
**Noise control**, 725  
    airborne noise, 770(a)  
    boiler breeching, 770(b)(1)b  
    boiler piping, 770(b)(1)b  
    boiler rooms, 770(a)(1)  
    boilers, 770(b)(1)a  
    compressors, 770(b)(6)  
    cooling towers, 770(b)(7)  
    diffusers, 770(d)  
    duct connections, fan equipment, 770(b)(9)  
    ducts, 770(a)(3)  
        maximum permissible air velocities, 770(c)  
    elevator machinery, 770(b)(10)  
    evaporative condensers, 770(b)(8)  
    exterior mechanical equipment, 770(a)(4)  
    fan coil units, 770(d)  
    fan duct connections, 770(b)(9)  
    fans, 770(b)(4)  
    field testing, 768(a)  
    grilles, 770(d)  
    incinerator charging chutes, 770(b)(2)  
    induction units, 770(d)  
    mechanical equipment, 770  
        spaces, 770(a)(2)  
    mechanical ventilation, 776(b)  
    multiple dwellings, Subchapter 12, Art. 9  
    noise output limitations, exterior  
        mechanical equipment, Table 12-5  
    piping, 770(b)(3)  
    pumps, 770(b)(5)  
    pure tone generation, Table 12-3 (Notes)  
    registers, 770(d)  
    requirements, 771  
    sound power levels, Table 12-3

maximum permitted for exterior mechanical equipment adjoining building, Table 12-4  
    structure-borne noise, 770(b)  
    vibration isolation, 770(b)

**Noise output limitations, exterior mechanical equipment**, Table 12-5

**Noncombustible materials**, 321

**Noncombustibles, tests**, 322

**Nursing homes, fire alarm systems**, 972(e)  
    Occupancy Classification, Table 3-2, (H-2)

### O

**Obstructions**, 1023(a)  
    service lines, 1013  
    sidewalks, 1020  
    street, 1019, 1020

**Occupancy, high hazard**, see High hazard occupancies  
    incidental exit requirements, 357(b)  
    mixed exit requirements, 357(a)  
    multiple, 242  
        exit requirements, 357  
    temporary, Occupancy Certificate, 218

**Occupancy certificates, altered buildings**, 215

applicant, 220  
applications, lot survey, 219  
    waiver of lot survey, 219  
change of occupancy, 217  
change of use, 217  
compliance statement, 221  
contents, maximum permissible live load, 223(b)  
    occupancy group, 223(a)  
    record, 224  
environmental protection administration, 219  
existing buildings, 216  
    waterfront property, 216  
general provisions, charter requirements, 213  
issuance time, limitations, 222  
new buildings, 214  
separations, 240  
temporary occupancy, certificate, 218  
transportation administration, 219

**Occupancy Classification**, Subchapter 3, Art. 2  
amusement, attractions, and devices, Table 3-2 (F-2)  
    ballroom, Table 3-2 (F-4)  
    bandstands, Table 3-2 (F-2)  
    banquet rooms, Table 3-2 (F-4)  
    billiard parlors, Table 3-2 (F-3)  
    bowling alleys, Table 3-2 (F-3)  
    cabarets, Table 3-2 (F-4)  
    cafeterias, Table 3-2 (F-4)  
    churches, Table 3-2 (F-1b)  
    coffee houses, Table 3-2 (F-4)  
    concert halls, Table 3-2 (F-1b)  
    convention halls, Table 3-2 (F-1b)  
    court rooms, Table 3-2 (F-1b)  
    dance halls, Table 3-2 (F-4)

## Index

drive-in-theaters, Table 3-2 (F-2)  
exhibition halls, Table 3-2 (F-3)  
galleries, Table 3-2 (F-3)  
grandstands, Table 3-2 (F-2)  
gymnasiums, Table 3-2 (F-3)  
lecture halls, Table 3-2 (F-1b)  
motion picture theaters, Table 3-2 (F-1b)  
museums, Table 3-2 (F-3)  
night clubs, Table 3-2 (F-4)  
opera houses, Table 3-2 (F-1a)  
passenger terminals, Table 3-2 (F-3)  
planetariums, Table 3-2 (F-1b)  
playhouses, Table 3-2 (F-1a)  
restaurants, Table 3-2 (F-4)  
skating rinks, Table 3-2 (F-2)  
snack bars, Table 3-2 (F-4)  
sports arenas, Table 3-2 (F-1b)  
taverns, Table 3-2 (F-4)  
theaters, Table 3-2 (F-1a)  
business, banks, Table 3-2 (E)  
barber and beauty shops, Table 3-2 (E)  
civic administration buildings, Table 3-2 (E)  
office buildings, Table 3-2 (E)  
radio and television stations, Table 3-2 (E)  
telephone exchanges, Table 3-2 (E)  
doubtful, 268  
educational, academies, Table 3-2 (G)  
libraries, Table 3-2 (G)  
schools, Table 3-2 (G)  
universities, Table 3-2 (G)  
high hazard, Subchapter 3, Art. 3  
cereal mills, Table 3-2 (A)  
distilleries, Table 3-2 (A)  
explosion hazard, 401  
feed mills, Table 3-2 (A)  
flour mills, Table 3-2 (A)  
grain elevators, Table 3-2 (A)  
grist mills, Table 3-2 (A)  
industrial smoke houses, Table 3-2 (A)  
paint shops and storerooms, Table 3-2 (A)  
starch mills, Table 3-2 (A)  
sugar mills, Table 3-2 (A)  
tanneries, Table 3-2 (A)  
unlisted, 401  
industrial, automotive repair shops, Table 3-2 (D-1)  
automotive service stations, Table 3-2 (D-1)  
baking plants, Table 3-2 (D-1)  
boiler and furnace rooms, Table 3-2 (D-2)  
breweries, Table 3-2 (D-1)  
equipment rooms, Table 3-2 (D-2)  
foundries, Table 3-2 (D-1)  
heliports, Table 3-2 (D-1)  
kitchens, Table 3-2 (D-2)  
laboratories, Table 3-2 (D-2)  
laundries, Table 3-2 (D-2)  
power plants, Table 3-2 (D-2)  
scenery shops, Table 3-2 (D-1)  
vocational training shops, Table 3-2 (D-2)  
institutional clinics, Table 3-2 (H-2)  
day nurseries, Table 3-2 (H-2)  
homes for the aged, Table 3-2 (H-2)  
hospitals, Table 3-2 (H-2)  
jails, Table 3-2 (H-2)  
mental institutions, Table 3-2 (H-1)  
nursing homes, Table 3-2 (H-2)  
orphanages, Table 3-2 (H-2)  
prisons, Table 3-2 (H-1)  
reformatories, Table 3-2 (H-1)  
sanitariums, Table 3-2 (H-2)  
mercantile markets, Table 3-2 (C)  
retail stores, Table 3-2 (C)  
sales rooms, Table 3-2 (C)  
shops, Table 3-2 (C)  
miscellaneous, fences, Table 3-2 (K)  
sheds, Table 3-2 (K)  
signs, Table 3-2 (K)  
residential, apartment houses, Table 3-2 (J-2)  
convents, Table 3-2 (J-3)  
hotels, Table 3-2 (J-1)  
lodging houses, Table 3-2 (J-1)  
motels, Table 3-2 (J-1)  
one-family dwellings, Table 3-2 (J-3)  
rectories, Table 3-2 (J-3)  
rooming houses, Table 3-2 (J-1)  
school dormitory buildings, Table 3-2 (J-2)  
two-family dwellings, Table 3-2 (J-3)  
storage, coal pockets, Table 3-2 (B-1)  
freight depots, Table 3-2 (B-1)  
greenhouses, Table 3-2 (B-2)  
private garages, Table 3-2 (B-2)  
public garages, Table 3-2 (B-2)  
stables, Table 3-2 (B-1)  
storerooms, Table 3-2 (B-1)  
warehouses, Table 3-2 (B-1)

**Occupancy groups, 237**  
assembly classification, places of assembly, 254  
business classification, 253  
education classification, 259  
industrial classification, 249  
institutional classification, 260  
mercantile classification, 248  
miscellaneous classification, 267  
reference standards, 235  
residential classification, 263  
storage classification, 245

**Occupant load, 358**  
billiard rooms, Table 6-2  
bowling alleys, Table 6-2  
classrooms, Table 6-2  
dance floors, Table 6-2  
dining spaces, Table 6-2  
dressing rooms, 546(b)(11)c  
employee cafeterias, 358(c)  
exhibition spaces, Table 6-2

## Index

floors, 357  
garages, Table 6-2  
gymnasiums, Table 6-2  
habitable rooms, Table 6-2  
industrial shops, Table 6-2  
institutional sleeping rooms, Table 6-2  
kindergartens, Table 6-2  
kitchens, Table 6-2  
laboratories, Table 6-2  
libraries, Table 6-2  
locker rooms, 358(c), Table 6-2  
meeting rooms, 358(c)  
modifications, 358(b)  
nonsimultaneous occupancy, 358(c)  
offices, Table 6-2  
open parking structures, Table 6-2  
passenger terminals, Table 6-2  
safe areas, 535(a)(2)  
sales areas, Table 6-2  
seating areas, Table 6-2  
skating rinks, Table 6-2  
standing room, Table 6-2  
storage rooms, 358(c), Table 6-2  
toilets, 358(c)

**Odors, ventilation of rooms with**, 766

**Office buildings, Occupancy Classification**, Table 3-2 (E)

**Office buildings, signs, stair and elevator**, Subchapter 6, Art. 9

**Offices, occupant load**, Table 6-2  
open parking lots, 482

**Oil burners, chimneys**, 832  
controls, 831  
operator, certificate of fitness, 797(a)

**Oil burning equipment, certificates**, 797  
installer license, 796  
standards, 800

**Oil flares**, 1023(a)

**Oil fuels**, 807(a)  
air supply, 807(a)

**Oil level indicator, fuel oil tanks**, 830(i)(1)(2)

**Oil storage**, 405

**One-family dwellings, boilers**, 419  
borings, 663(a)(1)

**Occupancy Classification**, 243

**Openable windows, locks**, 371(j)(2)c

**Opening protectives**, 329  
acceptance, 329  
automatic sprinklers over, 331(b)  
certification, 329  
exterior walls, 331(b)  
fire divisions, 342  
in shafts, 344(b)  
tests, 329

**Openings, conveyor**, 342(b)  
door widths, 371(e)  
exit, 534  
exterior wall, 331(a)  
vertical separation, 331(f)

fire divisions, 342  
in shafts, 344  
stair enclosures, 375(j)  
supplemental vertical exits, 374(d)  
unprotected, 331(e)  
construction, 331 (e)

**Open parking lots**, Subchapter 7, Art. 13  
bumpers, 481(a)  
curb cuts, 480  
curbs, 481(a)  
drainage, 481(b)  
gasoline pumps, 482(a)  
offices, 482

**Open parking structures**, Subchapter 7, Art. 11  
area limitations, 461  
bumpers, 464  
construction, 462  
curbs, 464  
elevators, 471  
exits, 469(a)  
exterior walls, 463  
floor openings, 466  
height limitations, 461  
mechanical parking, 468, 469(b)  
motor fuel pumps, 467  
railings, 465  
ramps, 470  
standpipes, 472

**Opera houses, Occupancy Classifications**, Table 3-2 (F-1a)

**Operators, elevator**, 1005  
boiler, 795  
oil burner, certificate of fitness, 797(a)

**Oriel windows, combustible construction**, 336

**Orphanages, Occupancy Classifications**, Table 3-2 (H-2)

**Outdoor signs**, Subchapter 7, Art. 17

**Outrigger beams, multiple point suspension scaffolds**, 1047(b)

**Outrigger scaffolds**, 1044  
guard rails, 1044(d)  
loading, 1044

**Outrigger beams**, 1044(a)

**Outside Fire Districts**, 294  
limitations, Subchapter 4, Art. 5

**Ovens**, 411

**Overhead garage doors as exits**, 371(d)

**Overstress**, 585, 594  
structural design, 585, Subchapter 10, Art. 3

**P**

**Paints, flammable**, 406

**Paint shops, Occupancy Classification**, Table 3-2 (A)

**Panels, access**, 292(a)  
fire department access, stair enclosures, 375(j)  
glass, Subchapter 10, Art. 12  
viewing, 1021(c)

**Panic hardware**, 371(k)

**Pantries, ventilations**, 758(c)

## Index

**Parapets**, 333, 340(c)  
exterior corridors, 369(f)  
live loads, 558(b)  
protective guards, 334  
walls, height limitations, 306(e)  
public garages, 454

**Parking, grandstand**, 548(b)(4)  
mechanical open parking structures, 468, 469(b)

**Parking areas, live loads**, 559

**Parking lots, offices, Inside Fire Districts**, 297(d)  
open, Subchapter 7, Art. 13

**Parking structures, open**, see Open parking structures, Subchapter 7, Art. 13

**Parks, amusement**, 548(e)  
fencing, 509

**Particle accelerators**, 416

**Partitions, construction**, 346  
dead loads, 555  
fire-retardant wood, 328(c)(2)(3), 346  
firestopping, 345  
folding, 347  
horizontal loads, 578(d)  
loads, 555  
wood, 622(a)

**Party walls**, 1031(c), 1037(a)(3)  
exits, 1037(b)  
fire-resistance rating, 332

**Passageways, exit, in places of assembly**, 537

**Passenger terminals, occupant load**, Table 6-2  
Occupancy Classification, Table 3-2 (F-3)

**Patio covers, canvas**, 336(j)  
slow burning plastic, 336(j)

**Pavement, foundations**, 658(a)(4)

**Pedestrian bridges**, 1017(b), 1021(f)  
lighting, 1021(f)(3)  
live loads, 1021(f)(1)

**Penetration resistance**, 700(d)(4)a

**Penetration-test piles**, 700(d)(4)a

**Penthouses, construction**, 338  
roof structures, 338  
roofs, 338(a)

**Permits**,  
air conditioning, 180  
air cooling, 180  
air heating, 180  
alterations, 148(b)  
applicant, 151  
applications, 150  
amendments, 154  
filing, 153  
other requirements, 152  
time limitation, 155  
time limitation, extension by Commissioner, 155  
alternative procedure for certain permits, subchapter 1, Art.27  
building alterations, general requirements, 161  
plans required, 162

building code, classifications, 148  
burning at site, 1019(c)  
classifications, 148  
conditions, application compliance, 201  
where asbestos projects performed, 198.1

code compliance, 200  
lot diagram adherence, 202  
payment of fees, 199  
plans appliance, 201  
safety requirements compliance, 203

conveying equipment, 1001

demolition applications, adjoining properties, protection, 170  
certification requirements, 168  
general requirements, 167  
lot protection, 170  
notice to adjoining owners, 169  
photographs required, 171

drainage systems, 909

earthwork application, general requirements, 163  
notice to adjoining owners, 165  
plans required, 164  
protection of adjoining properties, 166

equipment applications, requirements, 180

equipment use, refrigeration systems, 778, 781  
refrigeration systems, temporary, 781(b)

equipment use applications, air conditioning and ventilating system, 185(a)  
boilers, 185(f)  
dumbwaiters, 185(b)  
elevators, 185(b)  
escalators, 185(b)  
fuel burning equipment, 185(c)  
fuel oil storage equipment, 185(c)  
heating systems, 185(e)  
inspections, 187  
moving walks, 185(b)  
permit duration, 190  
permit renewal, 190  
refrigeration systems, 185(d)  
requirements, 186  
requirements, exemptions, 189  
stairways, 185(b)  
temporary use permit, 188  
tests, 187

equipment work applications, air conditioning and ventilating systems, 180(a), 182(a)  
boilers, 180(f), 182(f)  
dumbwaiters, 180(b), 182(b)  
elevators, 180(b), 182(b)  
escalators, 180(b), 182(b)  
fuel burning equipment, 180(c), 182(c)  
fuel oil storage equipment, 180(c), 182(c)  
heating systems, 180(e), 182(e)  
moving walks, 180(b), 182(b)  
permit requirements, exemptions, 184  
plan requirements, exemption, 183

## Index

- refrigeration systems, 180(d), 182(d)
- requirements, 181
- sprinkler systems, 180(h), 182(h)
- stairways, 180(b), 182(b)
- standpipe systems, 180(g), 182(g)
- fire alarms, 927, Subchapter 17, Art. 5
- fire detection systems, 927, Subchapter 17, Art. 5
- fire protection, 1014
- flammable film, 543(a)
- foundation applications, general requirements, 163
  - notice to adjoining owners, 165
  - plans required, 164
  - protection of adjoining properties, 166
- issuance, application approval, 191
  - application in part approval, 192
  - commencement of work notice, 195
  - expiration, 196
  - posting of permit, 194
  - revocation, 197
  - signature to permit, 193
- lifts, temporary use, 1002
- loading ramps, 1001
- mechanical ventilation, 771, Subchapter 13, Art. 2
- mechanized parked garage equipment, 1001
  - moving walks, 1001
  - temporary use, 1002
- new building, 148, 148(a)
  - architectural plans, 157(a)
  - datum, 158
  - information required by Commissioner, 159
  - mechanical plans, 157(c)
  - plans required, 157
  - requirements, 156
  - requirements, Workmen's Compensation Law
    - compliance, 156
    - structural plans, 157(b)
- plumbing, 148(e), 900
  - plumbing applications, alteration slip, 175
    - exemptions, 176, 179
    - general requirements, 172
    - plans required, 173
    - plans required, exemption, 174
    - repair slip, 172
  - power-operated scaffolds, 998(e)
  - refrigeration, 771, 781
  - removal applications, adjoining properties protection, 170
    - lot protection, 170
    - certification requirements, 168
    - general requirements, 167
    - notice to adjoining owners, 169
  - separate permit requirements, 149
  - sign, 148(f)
  - sign applications, general requirements, 177
    - plans required, 178
  - single room occupancy multiple dwellings, 198
  - conversion, alteration and demolition prohibited, 198.2
- relocation of tenants, 198.3
- sprinkler systems, 180(h), 928
- standpipe systems, 180(g), 928
- work, lifts, 1001
  - moving walks, 1001
- Pew seating**, 531(a)(4)
- Photographs required**, 171
- Photoluminescent markings**, 383
- Physical disabilities, people with**, 123.1, 232, 308, 357, 371(e)(7), 377(c)(7), 459.1, 472.1, 483, 493.1, 531(a)(1)h., RS 4-6, RS 16
  - facilities for, Subchapter 4, Art. 2, Subart. 2
  - facilities for required, 123.1
- Piers**, Subchapter 11, Art. 6
  - equivalent unbraced length, 685(a)
  - foundation, see Foundation piers
- Pilasters, exterior, combustible construction**, 335
- Pile caps, design**, 694(a)(4)
  - reinforcements, 694(a)(3)
  - slab-on-grade concrete, 694(b)(3)
- Pile driving equipment**, 704
- Pile driving operations**, Subchapter 11, Art. 9
- Pile foundations**, Subchapter 11, Art. 7
  - allowable axial load, 700
  - loads, Subchapter 11, Art. 8
- Pile materials, compressive strength allowable**, Table 11-3
  - protection, 696(c)
- Pile penetrations**, 689
- Piles**, 658(a)(5), 663(c)(2)
  - alternate methods, report required, 698
  - battered, 694(b)(6)
  - bearing capacity, 700(b)(1)
  - bearing pressure, allowable, 700(b)
  - bracing, 694(b)
  - caisson, 713
  - capacity, 700(c)
  - cast-in-place concrete, 709
  - compacted concrete, 710
  - comparison, 700(c)(3)a
  - composite, 714
  - concrete-filled pipe, 712
  - damaged, 696(b)
  - eccentricity, 691(b)
  - existing, 690
  - heaved, 705(d)
  - installation by jacking, 700(c)(2)
  - lateral loads, 701
  - load distribution, 700(a)(3)
  - loads, maximum allowable, 700(e)
    - nominal maximum, Table 11-6
  - load tests, procedure, 700(d)(4)
    - record to be filed, 700(d)(4)
  - minimum driving resistance & hammer energy, Table 11-4 and 11-5
  - minimum section, 693
  - penetration test, 700(d)(4)a
  - precast concrete, 708

## Index

- plan to be filed, 688(a)
  - record required, 688(b)
  - spacing, 692
  - steel, 711
    - end bearing, 711(b)
  - timber, 707
  - tolerances, 691
  - types, Subchapter 11, Art. 10
  - uncased concrete pile shafts, 697
  - uplift, 702
- Pile splices**, 695
- Pilings, controlled inspection**, 721
  - inspection requirements, Table 10-2, 721
- Pipe piles, concrete-filled**, 712
- Pipe spaces, firestopping**, 345
- Piping, clearances**, 809
  - combustion equipment, 792
  - concrete-filled piles, 712
  - dead loads, 554
  - embedding in fire protection, 324(a)
  - fill, fuel oil tanks, 830(e)
  - fuel oil heaters, 830(c)
  - fuel oil tanks, 830
  - gas, 896
    - inspection, 919
    - installation, 827
    - testing, 921
  - hot water, Subchapter 14, Art. 10
  - installation, 901(z)
  - insulation, 809
  - noise control, 770(b)(3)
  - piercing ceilings, 327(a)
  - stair enclosures, 375(j)
  - steam, Subchapter 14, Art. 10
  - through rated construction, 343
  - weather protection, 901(w)
- Pit clearances**, 819(a)
- Pit waterproofing**, 819(b)
- Pits, ash storage**, 422
  - boiler rooms, 422
  - automotive repair shops, 446(b), 449
  - public garages, 456(a)
  - test, 664
- Places of assembly**, Subchapter 8, Art. 1, 525
  - approved seating plans, 528
  - artificial lighting, 737
  - corridors, 536
  - enclosure, 529
  - exit lighting, 540
  - exit passageways, 537
  - exit requirements, 530
  - fly galleries, 546(b)(6)
  - F-1, Subchapter 8, Art. 3
  - F-1a, performing area, 546(b)(1), stages, 546
  - F-1b, 547
  - F-2, Subchapter 8, Art. 4
  - F-3, 549
- F-4, 549
- gridirons, 546(b)(6)
- interior finish, 529
- live loads, 558(b)(1)
- location, 526
- outdoor, 548(a)
- ramps, 538(d)
- rigging lofts, 546(b)(6)
- safe areas, 535
- scenery, 546(a)(1), 546(b)(5)
- seating plans, 528
- seating requirements, 531(a)
- seating sections, 546
- stage lighting, 546(b)(12)
- stairs, 538
- Plan approval, applicant**, 140
  - applicant's statement, 142
  - application examination, 143
  - architectural, structural and mechanical drawings application, 139(d)
  - composite, 157
  - conditional, 145
  - content, 141
  - copies, 141
  - endorsement, 146
  - floor and roof plans application, 139(c)
  - forms, 141
  - foundation plans application, 139(b)
  - lot diagram application, 139(a)
  - plan examination, 143
  - time limitations, 144
- Planetariums, Occupancy Classification**, Table 3-2 (F-1b)
- Planking**, 1042(c) maximum permissible spans, Table 19-5
  - platforms, structural, 1052(a)
  - scaffold, 1043(c)
- Plans, air conditioning**, 774
  - air cooling, 774
  - air heating, 774
  - data required on, 590
  - fire alarms, 926
  - mechanical ventilation, 774
  - refrigeration, 774
  - sprinklers, 926
  - standpipe systems, 926
- Plastic, in skylights**, 338(d)(1)
  - slow burning, 330
- Platform hoists**, 1056
- Platforms, construction**, 375(h)
  - exterior stairs, 376(c)
  - interior stairs, 375(d)
  - lighting, 381(a)
  - loading, load bearing tests, 682(b)(1)
  - ramps, 377(c)(3)
  - seating, 531(a)(3)
  - in seating sections, 546(a)(2)
  - structural, 1052
  - guard rail, 1052(b)

## Index

planking, 1052(a)

**Playgrounds, public fencing**, 509

**Playhouses, Occupancy Classification**, Table 3-2 (la)

**Plumbing**, 896

- condemned materials, 901(r)
- connections, public water, 901(e)
- sewer system, 901(e)
- definitions, 898
- existing, 916
- fire-rated construction, 901(z)(2)
  - through fire-resistant construction, 903
- fixtures, location, 901(n)
  - required, 901(l)
  - smooth-surfaced, 901(m)
- general requirements, 901
- hospital, 912
- inspection, 919
  - notification, 920
- installation limitation, 901(z)
- institutional, 912
- laboratories using radioactive materials, 415(g)

**Plumbing maintenance**, 901(u)

- materials, 901(q)
  - condemned, 901(r)
  - nonconforming, 902
- permits, see Permits plumbing and Permits, plumbing applications
- plans, 899
- prohibited substances, 901(h)
- required fixtures, 901(l)
- stacks, dead loads, 554
- standards, 897
- single room occupancy multiple dwellings, 198
- tests, 901(t), 921
- water conservation, 901(c)
- weather protection, 901(w)

**Plywood**, 617(b), RS 10-9

**Pole foundations**, 684(b)

**Poles, footings**, 684(b)

**Pole scaffolds**, see Scaffolds, pole

**Pollution control, air, Code**, 1019(a)

**Pools, requirement**, 913

- swimming, see Swimming pools

**Porches, combustible construction**, 336

**Porticos, combustible construction**, 336

**Posted capacity**, 527

**Posting buildings, posted occupancy and use**, 225

- posted signs replacement, 226

**Potable water**, 901(a)

- identification, 908(b)
- supply requirements, 901(b)

**Power buggies**, 1035(c)(8), 1053, 1059

**Power, emergency**, Subchapter 6, Art. 11

**Power lines, notice required**, 1013(c)

**Power-operated doors**, 371(l)

**Power-operated scaffolds, inspection**, 1012

**Power plants, Occupancy Classification**, Table 3-2 (D-2)

**Precast concrete**, 603

**Precast concrete piles**, 708

**Prestressed concrete**, 1035(i)

**Pressure tanks**, 945(b)(4), 965

- sprinkler systems, 965

**Pressure vessels, unfired**, Subchapter 14, Art. 15

**Pressurization systems, air-supported structures**, 516

**Prestressed construction**, 1035(i)

**Prism tests, masonry**, 4.4.4 (RS 10-1A), 1.63 (RS 10-1B)

**Prisons, Occupancy Classification**, Table 3-2 (H-1)

**Private garages**, Subchapter 7, Art. 12

- breezeway, 476
- carport, 475
- classification, 474
- floors, 477
- ventilation, 478

**Prohibited doors, folding doors**, 371(d)

- rolling shutters, 371(d)
- vertically sliding doors, 371(d)

**Projecting signs**, 502

- location, 502(a)
- supports, 502(d)

**Projection booths, exits**, 543(d)

- ventilation, 543(d)

**Projection machines, drive-in theaters**, 548(c)(4)d

**Projections**, 109

- beyond street lines, 307
- above grade, 313
- air conditioning unit, 313(a)(2)
- awning, 313(b)
- balcony, 313(a)(3)
- band course, 313(a)(2)
- base, 313(a)(2)
- below grade, 314
- bridge, 313(d)
- door, 313(a)(1)
- drop awning, 313(b)(2)
- entrance details, 313(a)
- existing, 311
- existing alterations, 311(a)
- fire escapes, 313(a)(3)
- fixed, 313(a)
- flagpole, 313(a)(6)
- footing, 309, 314(a)
- foundation wall, 314(b)
- grill, 313(a)(2)
- header, 313(a)(2)
- light fixture, 313(a)(5)
- main cornice, 313(a)(2)
- marquee, 313(a)(4)
- rake, 313(a)(2)
- removable, 309
- restrictions, 308
- roof eave, 313(a)(2)
- rustications, 313(a)(2)
- sculpture, 313(a)(2)
- sign, 313(a)(8)

## Index

- sill, 313(a)(2)
- step, 313(a)(1)
- store front awning, 313(b)(1)
- storm enclosure, 313(c)
- sun control device, 313(a)(2)
- tunnel, 314(d)
- vault, 314(c)
- veneer, 313(a)
- wall sign, 313(a)(7)
- window, 313(a)(2)
- building code, 109
- Properties, adjoining**, see Adjoining properties
- Public address systems, fire control station**, 546(b)(10)c
- Public buildings, marquees**, 313(a)(4)
- Public garages**, 419(b), Subchapter 7, Art. 10
  - classification, 451
  - construction, floor, 452
  - entrances, 453
  - exits, 457
  - furnaces, 419(b)
  - heating equipment, 459
  - pits, 456(a),(d)
  - railings, 452
  - ramps, 458
  - roof parking, 454, 457(c)
    - guard rail, 454
    - parapet wall, 454
  - sprinkler systems, 455
  - ventilation, 456
- Public playgrounds, fencing**, 509
- Pump rooms, standpipe systems**, 946(b)
- Pumps, booster, sprinkler systems**, 964
  - fire, 946
    - automatic, 945(b)(5)
  - gasoline, 441
    - open parking lots, 482(a)
  - noise control, 770(b)(5)
  - transfer, fuel oil tanks, 829(b)(2)
- Putlogs**, 1043(c)(1)
- Q**
- Quality control, aluminum**, 627
  - concrete, 605(a)(5)
  - steel, 616
- R**
- Radiation machines**, 416
- Radiation-producing equipment**, see Subchapter 7, Art. 4
- Radiation protection, state industrial code**, 414
- Radioactive materials**, Subchapter 7, Art. 4
  - storage, 417
  - vaults, 417
- Radio and television towers, access**, 495
  - construction, 496
  - location, 495
- Radiological hazards, City Health Code**, 414
- Radio stations, Occupancy Classification**, Table 3-2 (E)
- Rafters, wood**, 622(c)(5)
- Railings, live loads**, 558, 558(b)
  - open parking structures, 465
  - public garages, 452
  - ramps, 377(c)(5)
  - roof, 334
    - around skylights, 338(d)(2)c.I.
  - standard guard, 1021(a)(4), 1021(f)(1), 1032(b)
  - swimming pools, 493
- Railroad equipment, live loads, moving**, 562(d)
- Ramps, capacity**, 377(a)
  - direction change, 377(c)(1)
  - doors, 377(c)(4)
  - exit capacities, see Table 6-1
  - guards, 377(c)(5)
  - length, 377(c)(2)
  - lighting, 381(a)
  - loading, 1053
  - maximum grade, 377(b)
  - parking structures, 470
    - in places of assembly, 538
  - platforms, 377(c)(3)
  - projection beyond street lines, 308
  - public garages, 458
  - safe areas, 535(a)(5)
  - structural, 1051(b)
  - railings, 377(c)(5)
    - guard rail, 1051(e)
  - surface, 377(c)(6)
- Rectories, Occupancy Classification**, Table 3-2 (J-3)
- Red lanterns, warning signs**, 1023(a)
- Reformatories, Occupancy Classification**, Table 3-2 (H-1)
- Refrigeration systems**, 771
  - construction, 777(f)
  - controlled inspection, 781(a)
  - equipment use permit, 778, 781
    - temporary, 781(b)
  - operation and maintenance, Subchapter 13, Art. 3
  - operator's qualifications, 786
  - plans, 774
  - test and inspection, 781(a)
  - use of city water, 777(g)
- Refueling facilities, heliports**, 435
- Refuge, area of**, see Areas of refuge
- Refuse chute, sign**, 848(b)
- Registers, noise control**, 770(d)
- Reinforced gypsum concrete**, Subchapter 10, Art. 9
  - inspection requirements, Table 10- 1, Table 10-2
- Removal applications**, 148(d)
- Repairs**, 1007, Subchapter 19, Art. 7
  - barricades, 1041
  - signs, 1041
- Repair shops, automotive**, Subchapter 7, Art. 9
  - Occupancy Classification, Table 3-2 (E)
- Reshoring**, 1035(f)

## Index

**Residential classification, Occupancy Group J**, 263  
**Residential Occupancy Classifications**, see Occupancy Classifications, residential  
**Restaurants, cooking equipment ventilation**, 777(d)  
    Occupancy Classification, Subchapter 3, Art. 2  
**Retail stores, Occupancy Classification**, Table 3-2 (C)  
**Retaining structures**, 1031(a)(1)  
    excavation, 1032(a)  
    inspection, 1010  
    removal, 1031(a)(3)  
**Retardants, admixtures**, Table 19-3  
**Revolving doors**, 371(m)  
    inspection, 371(m)(3)  
**Rigging lofts, automatic sprinkler system**, 546(b)(7)  
    places of assembly, 546(b)(7)  
**Right of entry**, 205  
**Right of inspection**, 205  
**Risers, construction**, 375(h)  
    exterior stairs, 376(c)  
    standpipe systems, see Standpipe systems, risers and treads, 375(e)  
**Rock borings, core drilling**, 663(d)(2)  
    core samples, 663(d)(2)  
**Rock characteristics**, 675(a)  
**Rock cores**, 663(f)  
**Rock socket**, 713(c)  
**Roof access**, 375(k)  
**Roof coverings, classification**, 337  
    combustible appendages, 336(h)  
    combustible decking, 337(b)  
    combustible insulation, 337(c)  
    limitations of use, 337(a)  
**Roof framing, wood**, 622(c)  
**Roof irons**, 1046(c)  
**Roof monitors**, 338(d)  
**Roof parking, public garages**, see Public garages, roof parking  
**Roofs, construction, abutting fire**,  
    divisions, 340(a)  
    dormer, 338(g)  
    fencing, 334  
    firestopping, 345  
    live loads, 561  
    mansard, 338(f)  
    penthouses, 338(a)  
    railings, 334  
    sawtooth, 338(d)  
**Roof signs**, 503, 505(a)  
    inside Fire Districts, 297(i)  
    location, 503(a)  
    supports, 503(c)  
**Roof stairs**, 375(k)  
**Roof structures**, 338  
    bulkheads, 338(b)  
    dormers, 338(g)  
    greenhouses, 338(e)  
    height limitations, 306(c)

inside Fire Districts, 297(g)  
penthouses, 338(a)  
scuttles, 338(c)  
skylights, 338(d)  
**Roof tanks, height limitations**, 306(a)  
**Roof vents**, 353  
**Rooming houses, Occupancy Classifications**, Table 3-2 (J-1)  
**Rooms, gas meter, existing**, 918  
**Rooms, gas meter, RS-16, P115.5(c)**  
**Rooms, habitable, natural ventilation**, 746  
    occupant load, Table 6-2  
    machine, 344(f)  
    meeting, occupant load, 358(c)  
    occupiable, natural ventilation, 745  
    sleeping, institutional, occupant load, Table 6-2  
**Ropes, bridge**, 636(a)(3)  
    fibre, 1046(d), 1055(c)  
    fittings, 1055(e)  
    hoisting, inspection, 1012, 1055  
    wire, 1055(b)  
**Runways, loading**, 1051, 1053  
    in seating section, 546(a)(2)  
    structural, Subchapter 19, Art. 9

## S

**Safe areas, assembly spaces**, see Assembly spaces, safe areas  
    doors from, 535(a)(7)  
    lighting, 540(a)  
**Safety netting**, see Netting, safety  
**Sales areas, occupant load**, Table 6-2  
**Sales rooms, Occupancy Classification**, Table 3-2(c)  
**Sanitariums, Occupancy Classification**, Table 3-2 (H-2)  
**Sanitary drainage**, 896, Subchapter 16, Art. 3  
**Scaffolds**, Subchapter 19, Art. 8, 1042(b), 1022  
    design, 1042(b)(1)  
    fibre rope, 1046(d)  
    fire-retardant construction, 1042(f)  
    free-standing, 1043(g)  
    guard rails, 1042(g)  
    heavy duty, 1042(b)(3)c  
    inspection, 1012  
    light duty, 1042(b)(3)a  
    loading, 1042(b)(2)  
    manually-propelled free-standing, 1048  
    medium duty, 1042(b)(3)b  
    needle beam, 1046(e)(1)  
    outrigger, 1044  
        loading, 1044  
    planking, 1043(c)  
    pole, 1042(b)1, 1043  
        putlogs, 1043(e)  
    power-operated, construction, 991(h)  
        inspection, 998(c), 1012  
        permits, 986  
        plans, 985

## Index

power-operated free-standing, 1049  
required in structure demolition, 1022(a)(1)  
standard, 1042(b)(3)  
    heavy duty, 1042(b)(3)c  
    light duty, 1042(b)(3)a  
    medium duty, 1042(b)(3)b  
standard designs, 1043(i)  
standard guard rail, 1050  
standard toeboards, 1050  
tests, inspections, 1045(b)

**Scenery, storage**, 546(b)(2)  
    in places of assembly, 546(a)(1), 546(b)(5)

**Scenery shops, Occupancy Classification**, Table 3-2 (D-1)

**Schools, fire alarm systems**, 972(b)  
    Occupancy Classification, Table 3-2 (G)  
    ventilation, 765

**School yards, fencing**, 509

**Screens, motion picture**, 544  
    under skylights, 338(d)(4)

**Scissor stairs, construction**, 375(h)

**Scuttles**, 338(c)  
    roof structures, 338

**Seating bench**, 531(a)(4)  
    bleacher, 531(a)(2)  
    chair, 531(a)(1)  
    counter, 531(a)(6)  
    movable, 531(a)(1)c  
    platform, 531(a)(3)  
    requirements, 531  
    table and chair, 531(a)(5)

**Seating areas, occupant load**, Table 6-2

**Seating plans, approved**, 528  
    assembly spaces, 528(a)  
    in places of assembly, 528  
    safe areas, 528(b)  
    stage areas, 528(c)

**Seating requirements, in places of assembly**, 531

**Seating sections, in places of assembly**, 546  
    platforms, 546(a)(2)  
    runways, 546(a)(2)

**Seepage**, 661(b)  
    bearing pressure, 678, Table 11-2  
    disturbed soil, 679(a)

**Segregation, fire**, see Fire Segregation

**Sending station, fire alarm systems**, 973(a)

**Separations, air-supported structures**, 511  
    fire, see Fire separations  
    tents, 511

**Service equipment, acceptance**  
    requirements, 135  
    alternate equipment, 137  
    dead loads, 554  
    equivalent equipment, 137  
    general requirements, 134  
    inspection requirements, 136  
    live loads, 557(b)(2)

**Service facilities, embedment in fire protection**, 324(a)

**Service incinerators, chimneys**, 876

**Service lines, differential settlement**, 680  
    obstructions, 1017(b)  
    temporary, 1017(c)  
    utilities, 1013(a)

**Services, essential, maintaining**, 1013(b)  
    utilities, 1013

**Service stations, automotive**, Subchapter 7, Art. 8  
    Occupancy Classification, Table 3-2 (E)

**Settlements**, 1035(c)(7)

**Sewage, private disposals**, 910

**Sewer system**:  
    combined sewer, 901(e)(1)  
    connections to public water supply systems, 901(e)(1)  
    conveying sewage, 901(e)(1), (g)  
    design of system, 901(g)  
    disposal of storm water, 901(k)  
    Environmental Protection Administration, 901(e)(1), (k)  
        adequate capacity, 901(e)(1) 1.  
        elevation, 901(e)(1) 4.  
        location, 901(e)(1) 5.  
        physical obstacles, 901(e)(1) 3.  
        maintenance of system, 901(g)

**Sewer system, prevention of flooding**, 901(s)  
    private, 157(c)(4)  
    public, 157(c)(3), 901(e)(2)

**Shafts**, 344  
    openings, 344(c)  
    smoke venting, 344(d)  
    trap doors, 344(e)  
    vents, 344(d)(e)

**Shaft vents**, 344(e)

**Shear walls, load distribution**, 579(a)

**Sheaves**, 1055(d)

**Sheds, Occupancy Classification**, Table 3-2 (K)

**Sheeting, excavations**, 1032(a)

**Sheet-piling, demolition**, 1039(e)(2)d

**Shop drawings, A.E. approval required**, 590

**Shops, industrial, occupant load**, Table 6-2  
    mercantile, Occupancy Classification, Table 3-2 (C)

**Shores**, 1035(d)

**Shoring**, 1035(c)(5), 1035(e), 1036(d)  
    demolition, 1039(e)(2)d  
    excavations, 1032(a)  
    inspection, 1010  
    reshoring, 1035(f)

**Show windows**, 331(c)

**Shutters, combustible construction**, 335

**Siamese connections**, 940  
    sprinkler systems, 959  
    construction, 959(b)  
    installation, 959(b)

**Sidewalk elevators**, 988

**Sidewalks, contractor sheds**, 1021(a)(1)  
    live loads, 558  
    obstruction, 1020  
    protection of, 1021

## Index

Department of Highways, 1020, 1021(a)(3)  
temporary, 1021(a)(2), 1021(e)  
lighting, 1021(b)(10)

**Signal systems, standpipe**, 952

**Sign construction, combustible materials**, 507  
slow-burning plastics, 507(b)  
sign permits, 148(f)

**Sign permits**, 148(f)

**Signs**, 109, 292(c)  
alterations, 1041  
annual inspection, 508(b)  
directional, assembly spaces, 541  
exit assembly spaces, 534(e)  
exit signs and other markings, 383, 383.1  
fees, see Title 26 index  
ground, 500  
illuminated, see illuminated signs  
lighted, 1023(a)  
maintenance, 508(a)  
marquee, 504, 505(a)  
supports, 504(c)  
metal, sprinkler systems, 959(a)(3)

**Occupancy Classification**, Table 3-2 (K)  
office buildings, (high rise) stairs and elevator,  
Subchapter 6, Art. 9  
applicability, 390  
elevator landings, 391  
existing office buildings, 396  
floor numbering, 392  
identification, 393  
materials, 395  
reentry, 394  
owner and general contractor, 1009(c)  
power source, 384  
projecting, see Projecting signs  
refuse chutes, 839  
repairs, 1041  
roof, see Roof signs  
sleeping rooms, Subchapter 6, Art. 10  
stair and elevator, Subchapter 6, Art. 9  
temporary, 506  
vehicular traffic control, 1023(c)  
wall, see Wall signs  
warning, 1023, 1054(c)  
red lights, 1023(a)  
red lanterns, 1023(a)  
walkways, 1023

**Silt**, 675(b)(4)  
allowable bearing pressure, 678  
varved, 675(b)(5)

**Single room occupancy multiple dwellings**, 198  
conversion, alteration & demolition, 198.2  
relocation of tenants, 198.3

**Skewed stairs**, 375(e)(4)

**Skylights, construction**, 338(d)  
glass, 338(d)(1)  
glass blocks, 338(d)(1)

glazing 338(d)(1), 338(d)(2)  
marquees, 313(a)(4)  
plastic, 338(d)(1)  
railings, 338(d)(2)c.1.  
roof structures, 338(d)  
screens, 338(d)(4)  
separation from structures, 338(d)(3)

**Skating rinks, Occupancy Classification**, Table 3-2 (F-2)  
occupant load, Table 6-2

**Sleeping rooms, institutional, occupant load**, Table 6-2

**Sleeping rooms, signs in**, Subchapter 6, Art. 10

**Slide poles**, 344

**Slip forms, construction**, 1035(g)  
jacks, 1035(g)(4)

**Slumps, concrete formwork**, Table 19-3

**Smoke and heat vents**, 353  
shafts, 344(d)

**Smoke barriers**, 369(c)

**Smoke control requirements**, 777.1

**Smoke curtains**, 353

**Smoke density**, 348(d)

**Smoke detector**, 955

**Smoke houses, industrial, Occupancy Classification**,  
Table 3-2 (A)

**Smoke protection**, 353.1, 353.2, 353.3

**Smoke shaft requirements**, 353

**Smoke stop doors**, 371(c)  
fire-retardant wood, 371(c)  
wire glass, 371(c)

**Smoke test**, 856(e), 868  
method, 868(b)

**Snack bars, Occupancy Classification**, Table 3-2 (F-4)  
ventilation, 758(c)

**Soil bearing pressure**, 668  
allowable, Subchapter 11, Art. 4, 678

**Soil borings**, 663(d)(1)

**Soil classification**, 675

**Soil load bearing tests**, Subchapter 11, Art. 5  
controlled inspection, 720

**Soils, treatment**, 679(c)  
nominally unsatisfactory, 679(c)  
nominally satisfactory, 679(c)

**Soil samples**, 663(f)  
recovery, 663(d)(1)

**Soil stacks, existing**, 917

**Solid fuels**, 807(c)  
air supply, 807(c)

**Solvents, storage**, 405

**Sound power levels**, Table 12-3  
maximum permitted for exterior  
mechanical equipment adjoining  
buildings, Table 12-4

**Sound Transmission Class (STC)**, 769 (a)(1), ratings,  
769(a)(2)

**Spaces, area limitations**, 302  
classifications, 234, 238, 270

**Special occupancies, ventilation**, 767

## Index

**Spiral stairs**, 375(l)  
**Sports arenas, Occupancy Classification**, Table 3-2 (F-1b)  
**Spotlights**, 543(c)  
**Spray booths**, 409(a)  
    automatic sprinkler system, 409(a)(2)  
**Spray finishing**, Subchapter 7, Art. 3  
**Spraying spaces, sprinkler systems**, 412  
    ventilation, 410  
**Sprinkler alarm systems**, 957  
**Sprinkler heads, charging chutes**, 875(b)(4)  
    protection, 966(b)  
**Sprinkler systems**, 923  
    alarm system, 957  
    automatic, auxiliary stage spaces, 546(b)(11)d, 547(b)(2)(d)  
    over opening, 331(b)  
    rigging lofts, 546(b)(6)  
    spray booths, 409(a)(2)  
    stages in places of assembly, 546(b)(7)  
    automotive repair shops, 447  
    booster pumps, 964  
    carbon dioxide systems, dry cleaning establishments, 430  
    deluge, 546(b)(7)b  
    dipping spaces, 412  
    direct connection to public water, 963  
    domestic water supply, 962(c)  
    existing, 931  
    existing buildings, 123.2  
    fire department connection, 959(5)  
    fire protection, 1014(b)  
    gravity tanks required, 965  
    inspections, 967  
    installation in residential occupancies, (RS 17-2A)  
    installation in one-and two-family dwellings and installation systems, 959(b)  
    manufactured homes, (RS 17-2B)  
    metal signs, 959(a)(3)  
    nonautomatic, requirements for, 962(f)  
    partial protection, 959(a)(3)  
    permits, 927  
    plans, 926  
    pressure tanks required, 965  
    protection, 966  
    public garages, 455  
    requirements in spaces below grade, 929(c), 954(aa)  
    requirements systems, Subchapter 17, Art. 4, 954  
    siamese connections, 959  
    smoke detector alternate, 955  
    spraying spaces, 412  
    standards, 924  
    tests, 967  
    unsprinklered buildings and spaces, Table 4-1  
    water supply, automatic sources, 961(a)  
        auxiliary sources, 961(b)  
        classification, 961  
        combination sources, 961(c)  
    domestic, 962(d)  
    required conditions, 962(d)  
    nonautomatic sources, 961(d)  
    required sources, 962  
**Stability**, Subchapter 11, Art. 12  
    factor of safety, 718  
    overturning, 718(a)  
    sliding, 718(b)  
**Stabilized overburden pressure**, 680  
**Stables, Occupancy Classification**, Table 3-2 (B-1)  
**Stack bond**, 7.7 (RS 10-1A), 10.12 (RS 10-1B)  
**Stadiums, live loads, moving**, 562(i)  
**Stage areas, seating plan**, 528(c)  
**Stage floor, construction**, 546(b)(2)  
**Stage lifts**, 546(b)(2)b  
    construction, 991(f)  
**Stage lighting**, 546(b)(12)  
    in places of assembly, 546(a)(2)  
**Stages, auxiliary spaces**, 546(b)(11)  
    exits, 546(b)(11)b  
    sprinklers, 546(b)(11)d  
    construction, in F-2 places of assembly, 548(c)  
    exits, 546(b)(4)  
        in F-2 places of assembly, 548(c)(3)  
    fire control station, 546(b)(10)  
        F-3 or F-4 places of assembly, 549  
    occupant load, 546(b)(4)  
        F-2 places of assembly, 548(c)(3)  
**Stair doors**, 375(g)  
    locks, 371(j)(1)  
**Stair enclosures**, 375(i)  
    ducts, 375(j)  
    fire department access panels, 375(j)  
    openings, 375(j)  
    pipes, 375(j)  
    windows, 375(j)  
**Stairs, access**, 375(i)(2)  
    dead loads, 555(b)  
    exit capacities, Table 6-1  
    exit, see exits, stairs,  
    exterior, see exterior stairs  
    fire escape, 380(b)  
    firestopping, 345, 345(c)  
    interior, see interior stairs  
    lighting, 381(a)  
    in places of assembly, 538  
    roof, 375(a), 375(k)  
    spiral, 375(l)  
    unenclosed, 375(i)(l)c  
**Stairwells, live loads**, 558(b)(1)  
**Standard scaffolds**, see scaffolds, standard  
**Standee areas, assembly spaces**, 531(7)  
    protective guards, 531(a)(8)  
**Standing room, occupant load**, Table 6-2  
**Standpipes systems**, 923  
    automatic dry, 932(b)  
    connected to city water system, 945(b)(1), 962(g)

## Index

- cross connections, 941
- devices used, 939
  - exempt buildings, 932(d)
- existing, 930(a)
- extension of building, 930(b)
- fireline systems, electrical tests, 977
  - communication system, 975
  - fire command station, 975
  - installation, 976
  - signaling systems, 974
  - telephone systems, where required, 974
- fire protection, 1014(b)
- fire pumps, 946
  - automatic, 945(b)(5)
  - power supply, 943(c)
  - water supply, 947(b)
- heliports, 437
- hose omission, 942(c)(5)
- inspection, 951
- installation standards, 950
- maximum pressure, 943
- nonautomatic, 932(b)
- occupancy, group E, 954(i)
- omission of service, 937
- open parking structures, 472
- permits, 927
- plans, 926
- pressure reducing valves, 944
- protection, 949
- pump rooms, 946(b)
- requirements, Subchapter 17, Art. 3, 932
- risers, high, 945(c)
  - location, 936
  - low, 945(c)
  - number of, 935
  - size of, 938
  - use for sprinkler systems, 945(d)
- siamese connections, 940
- signal systems, 952
- standards, 924
  - in structures being demolished, 934
  - in structures being erected, 934
- tests, 951
- three-way manifold, 942(a)(2)
- water supply, 945
  - additional, 946(a)
  - control valve, 947(a)
  - direct connection to, 947
  - primary, 945(a)
  - supplying, 945(b)
  - wet, 932(a)
- Starch mills, Occupancy Classification**, Table 3-2 (A)
- State industrial code, radiation protection**, 414
- Steam piping**, Subchapter 14, Art. 10
- Steam hammers**, 700(a)(1)
- Steel**, Subchapter 10, Art. 6
  - identification, 615
  - inspection requirements, Table 10-2
  - light-gage cold-formed, 614(b)
  - open web steel joints, RS 10-7
  - quality control, 616
  - structural, 614(a), (RS 10-5A), (RS 10-5B)
  - structures resisting earthquake forces, (RS 10-5C)
  - welding, 616(b)
- Steel piles**, 711
  - end bearing, 711(b)
- Steps, in aisles**, 532(a)(7)
  - in safe areas, 535(a)(5)
- Stop-work order, notice**, 227
  - unlawful continuance, 228
- Storage material**, see Materials, storage
  - oil, 405
  - nitric acid, Subchapter 7, Art. 20
    - application, 518
    - construction requirements, 520
    - location, 519
    - ventilation, 521
    - scenery, 546(b)(2)
    - solvents, 405
- Storage classification, Occupancy Group B**, 245
- Storage occupancies, ventilation**, 405
- Storage Occupancy Classifications**, see Occupancy Classifications, storage
- Storage rooms, auxiliary stage space**, 546(b)(11)
  - occupant load, 358, Table 6-2
- Storerooms, paint, Occupancy Classifications**, Table 3-2 (A)
  - Occupancy Classification, Table 3-2
- Stores, retail, Occupancy Classifications**, Table 3-2 (C)
- Storm drainage**, 896
- Storm enclosures, Combustible construction**, 336
  - Inside Fire Districts, 297(c)
- Storm water, disposal**, 901(k)
- Streets, closing**, 1020, 1021
  - obstructions, 1020
- Stresses, increase of allowable**,
  - infrequent, 594
  - secondary, 593
- Stringers, construction**, 375(h)
- Structural design, adequacy**, Subchapter 10, Art. 3
  - aluminum, Subchapter 10, Art. 8
  - bracing, 592
  - deflection limitation, 595
  - foundation elements, 591
  - glass panels, Subchapter 10, Art. 12
  - inadequate construction, 597
  - infrequent stress conditions, 594
  - load tests, 599
  - overstress, 585
  - public safety, 585
  - secondary stresses, 593
  - stability, 591
  - wood, Subchapter 10, Art. 7
- Structural elements, fire-retardant wood**, 328(a)
  - materials, 586

## Index

**Structural materials, controlled inspection**, Table 10-1  
inspection requirements, Table 10-1

**Structural members, in cavity walls, fire protection**, 324(c)  
exposed to outdoors, fire protection, 324(c)  
fire protection, 324  
impact protection, 324(b)

**Structural platforms**, see Platforms, structural

**Structural steel**, 614(a), (RS 10-5A, RS 10-5B)

**Structure-borne noise**, 769(b), 770(b)

**Structures, adjoining**, see adjoining structures

**Structures, air-supported**, see air-supported structures

**Stud walls, wood**, 622(a)

**Sugar mills, Occupancy Classification**, Table 3-2(A)

**Supermarkets, marquees**, 313(a)(4)

**Supports**,  
antenna, combustible construction, 338(j)  
chimney, 864  
furnace floors, 819  
gas vents, 890  
ground signs, 500(c)  
unit heaters, 814  
wall signs, 501

**Surcharges, lateral loads**, 670(a)

**Suspended scaffolds**, 1045  
hangers, 1046  
inspection, 1045(b)  
ladder type platforms, 1046(f)(1)  
multiple-point suspension, 1047  
needle-beam, 1046(e)(1)  
roof irons, 1046(c)  
tests required, 1045(b)  
two-point suspension, 1046

**Suspended structures**, Subchapter 10, Art. 11

**Suspenders**, 636  
bridge rope, 636(a)(3)  
bridge strand, 636(a)(2)  
bridge wire, 636(a)  
tests, 637  
wire cable, 636(a)  
fittings, 640  
protection, 642

**Swimming pools**, Subchapter 7, Art. 15  
bottom slopes, 489(b)  
construction, 489  
drainage, 492  
diving boards, 489(h)  
dressing facilities, 490  
enclosure, 493(b)  
hand-holds, 489(e)  
heating, 491  
ladders, 489(c)  
markings, 489(f)  
people with physical disabilities, facilities, 493.1  
railings, 493  
requirements, 913  
safety precautions, 493  
spectator area, 489(g)  
towers, 489(h)

ventilation, 491  
walkways, 489(d)  
walls, 489(a)  
water circulation, 492  
water treatment, 492

**Synchrotrons**, 416

**T**

**Table and chair seating**, 531(a)(5)

**Tanks, fuel oil**, 828(a)  
along subway line, 829(f)  
buried, construction, 828(a)(4)  
coatings for, 828(a)(3)  
construction, 828(a),(b)  
cylindrical, 828(b)  
design, 828(a)  
fill pipes, 830(e)  
flow control, 830(h)  
heating coils, 830(g)  
inside buildings, below ground, 829(c)  
locations, 829  
above the lowest floor, 829(b) piping to, 830(f)  
on the lowest floor, 829(a)  
minimum thickness, 828(d)(1), 828(e)(2)  
oil level indicator, 830(i)(1)  
openings in, 828(a)(6)  
outside buildings, above ground, 829(e)  
outside buildings, below ground, 829(d)  
piping, 830  
rectangular, 828(c)  
transfer pump, 829(b)(2)  
vent pipe, 830(d)  
gravity, 945(b)(3), 965  
inside Fire Districts, 297(h)  
pressure, 945(b)(4), 965  
water, supports for, 338(h)  
heating devices, 901(d)

**Tanneries, Occupation Classification**, Table 3-2 (A)

**Tapered aisles**, 532(a)(3)

**Taverns, Occupancy Classification**, Table 3-2 (F-4)

**Telephone exchanges, Occupancy Classification**,  
Table 3-2 (E)

**Television stations, Occupancy Classification**,  
Table 3-2 (E)

**Temporary occupancy, Occupancy Certificates**, 218, 219

**Temporary sidewalks**, see Sidewalks, temporary

**Temporary signs**, 506  
Inside Fire Districts, 297(h)

**Temporary structures, Inside Fire Districts**, 297(e)

**Temporary use permits, fuel burning equipment**, 794(e)  
posting, 1003

**Temporary walkways**, 1021(e)

**Tents**, Subchapter 7, Art. 19, 524  
flame resistance, 515(a)  
height, 510  
location, 510  
separations, 511

## Index

**Terminals, marquee**, 313(a)(4)  
passenger, occupant load, Table 6-2

**Test load**, 588

**Test pits**, 664

**Tests, acceptance, elevators**, 997  
boiler acceptance, 793(a)  
bridge wire, 637  
concrete, 598  
fire protection, Subchapter 5, Art. 2  
fuel burning installations, 794(a)  
fuel storage installations, 794(a)  
gas vent systems, 879(b)  
load bearings, correlation of load test  
behavior, 682(c)(1)  
gross settlement, 682(c)(1)  
load increments, 682(b)(2)  
loading platform, 682(b)(1)  
procedure, 682  
report required, 682(c)(1)  
test plate, 682(b)(1)  
model, 599(a)(5)  
opening protectives, 329  
plumbing, 901(t), 921  
settlement, 682(a)(9)  
sketch required, 682  
soil load bearing, Subchapter 11, Art. 5  
sprinkler systems, 967  
standpipe systems, 951  
fireline, 974(g)

**Theaters, drive-in**, 548(c)(4)d  
Occupancy Classification, Table 3-2 (F-2)  
projection machine, 548(c)(4)d  
live loads, see Live Loads, theaters  
marquees, 313(a)(4)  
motion picture, Occupancy Classification, Table 3-2 (F-1b)  
Occupancy Classification, Table 3-2 (F-1a)

**Thimbles**, 894  
ventilating, 861(c)(1)

**Ties, masonry**, 3.3 (RS 10-1A), 9.7.3 (RS 10-1B)

**Timber**, 617(a)

**Timber piles**, 707  
end bearings, 707(a)(2)  
inverted, 707(c)  
lagging, 707(c)

**Tobacco Advertising**, Subchapter 7, Art. 17A  
penalties, 508.7

**Toeboards**, 1042(g)  
outrigger scaffolds, 1044(d)  
standard, 1050

**Toilet rooms, artificial illumination**, 738  
dead loads, 555(b)  
ventilation, 759

**Toilets, occupant load**, 358(c)

**Tools, explosive powered**, Subchapter 19, Art. 11  
operation, 1066

**Towers, cooling**, 338(i)  
swimming pools, 489(h)

**Toxic substances, ventilation of rooms with**, 766

**Traffic control, flagmen**, 1023(c)

**Training shops, vocational, Occupancy Classification**, Table 3-2 (D-2)

**Transfer pump, fuel oil tanks**, 829(b)(2)

**Transoms**, 369(i)

**Trap doors, shafts**, 343(e)

**Traps, liquid-seal**, 901(o)

**Traps, stage floor**, 546(b)(2)

**Travel distance, within dwelling units**, 360(b)  
exit requirements, Table 6-1  
horizontal exit, 360(a)  
interior stair, 360(a)  
maximum, 360(a)  
measurement, 360(c)  
open exterior space, 360(a)  
vertical exit, 360(a)

**Treads, exterior stairs**, 376(c)  
construction, 375(h)

**Trees, protection of**, 1030

**Trellises, combustible construction**, 335

**Trench excavation, mechanical diggers**, 1032(d)

**Trestles, Inside Fire Districts**, 297(h)

**Trim, exterior**, see Exterior trim  
fire-retardant treated wood, 328(a), 328(d)

**Trimmers**, 622(c)(4)

**Trucks**, 1059  
fork lift, 1061  
live loads, moving, 562(c)  
loading, 1059(b)

**Trusses**, 1034(c)  
fire protection, 324  
horizontal exits, 373(c)  
lighting, 381(a)

**Turnstiles**, 371(n)

**Two-family dwellings, boilers**, 419  
borings, 663(a)(1)  
Occupancy Classification, Table 3-2 (J-3)

**U**

**Uncased borings**, 665(a)

**Underpinning**, Subchapter 11, Art. 12  
adjoining properties, 166  
inspection, 1010

**Universities, Occupancy Classification**, Table 3-2 (G)

**Unsafe conditions, inspections**, 1012

**Uplift**, 672, 694(a)(2)

**Used materials**, 588

**Utilities**, 1013(c)  
disconnection of, 1013(b)  
electrical work, 1013(c)  
essential services, 1013, 1013(b)  
maintaining, 1013(b)  
existing, 1013(a)  
fire prevention facilities, maintaining, 1013(b)  
notice required, 1013  
power lines, 1013(c)  
service lines, 1013(a)

## Index

### V

**Vacating buildings, emergency measures**, see article 8-A, Title C, Part I

**Valves, control**, 947(a)

bath and shower, P 107.6 (i)(RS 16)  
fuel oil control, 830(h)  
hose outlet, 942(a)  
pressure reducing, 944  
pressure mixing, P107.6(i) (RS-16)

**Varnishes**, 406

**Vehicular traffic control, barricades**, 1023(c)

signs, 1023(c)

**Veneer, ceramic**, 3.21 (RS 10-1A), 10.14.1 (RS 10-1B)  
masonry, 3.2 (RS 10-1A), 10.14.3 (RS 10-1B)

**Ventilating hoods**, 884(e)

**Ventilating systems, construction**, 777(a)

controlled inspection, 779(a)  
filter maintenance, 782  
installation, 756  
maintenance, Subchapter 13, Art. 3  
operation, 756  
required, 779  
controlled inspection, 779(a)  
equipment use permit, 778  
owner's statement, 779(c)  
tests and inspection requirements, 779  
voluntary, equipment use permit, 780  
fire extinguishing systems, 780(b)  
owner's statement, 780(c)  
test and inspection, 780

**Ventilation**, 725

assembly rooms, 765(c)  
auditoria, 765(c)  
automotive repair shops, 446  
bathrooms, 759  
boiler rooms, 424  
classrooms, 765(a)  
coin-operated dry cleaning units, 429  
corridors, 369(j), 761  
crawl spaces, 762  
dipping spaces, 410  
dry cleaning establishments, 428  
emergency, in places of assembly, 546(b)(8)  
equivalent outdoor air, 754(b)(2)  
fixed, incinerator rooms, 838  
furnace rooms, 424  
J-1 buildings, existing, 777.2  
kitchens, 758  
laboratories using radioactive materials, 415(f)  
locker rooms, 760  
lockers, 765(b)  
mechanical, see Mechanical ventilation  
natural, see Natural ventilation  
pantries, 758(c)  
private garages, 478  
projection booths, 543

public garages, 456  
requirements, 776(a)  
restaurant cooking equipment, 777(d)  
rooms with airborne irritants, 766  
rooms with excessive temperatures, 766  
rooms with strong odors, 766  
rooms with toxic substances, 766  
schools, 765  
snack bars, 758(c)  
special occupancies, 767  
special spaces, Subchapter 12, Art. 8  
special uses, 767  
spraying spaces, 410  
storage occupancies, 405  
swimming pools, 491  
toilet rooms, 759  
ventilating systems, 777(a)  
wardrobes, 765(b)  
water closet compartments, 755(c)

**Vents, fuel oil tanks**, 830(d)

gas, see Gas vents  
heat, 353  
to outdoor air, 901(p)  
roof, 353  
shaft, 344(d)(e)  
smoke, 353

**Vent shaft**, 759(a)

**Vent stacks, existing**, 917

**Vent systems, testing methods**, 922

**Vertical exits**, 357

supplemental, capacity, 374(b)  
construction, 374(c)  
identification, 374(e)  
openings, 374(d)  
travel distance, 360(a)

**Vibrating hammers**, 700(c)(3)

**Vibration isolation, noise control**, 770(b)

**Viewing devices, dwelling unit doors**, 371(j)(2)(b)

**Vocational training shops, Occupancy Classification**,  
Table 3-2 (D-1)

### W

**Walkways, barricades**, 1021(a)(4)

capacity, 379(a)  
enclosure, 379(d)  
lighting, 1020, 1021(e)  
temporary, 1021(e)  
lighting 1021 (e)  
warning signs, 1023(b)

**Walkways, construction, lighting**, 1021(e),(f)

swimming pools, 489(d)  
temporary, 1021(e)

**Walls**, Subchapter 11, Art. 6

equivalent unbraced height, 686(a)  
exterior, 331  
firestopping, 345  
horizontal loads, 579(d)

## Index

party, 332

**Walls, adjoining, protection of**, 1026(c)  
exterior, open parking structures, 463  
foundation, Subchapter 11, Art. 6  
horizontal loads, 578(d)

**Wall openings, exterior**, Table 3-5, 331(a)

**Wall signs**, 292(c), 501, 505(a)  
Fire Department access, 501(d)  
Inside Fire Districts, 297(i)  
supports, 501(c)

**Wall thickness, unbraced height**, 686(b)(2)

**Wardrobes, ventilation**, 765(b)

**Warehouses, marquees**, 313(a)(4)  
Occupancy Classification, Table 3-2 (B-1)

**Warning lights**, see Warning signs

**Warning signs**, 1023  
dangerous areas, 1023(b)  
flashing beacons, 1023(a)  
lighted signs, 1023(a)  
obstructions and openings, 1023(a)  
oil flares, 1023(a)  
red lanterns, 1023(a)  
red lights, 1023(a)  
refueling, 1054(c)

**Wastes, industrial**, 896, 901(h)(2)  
material removal, 1019(a)  
special, 896

**Watchmen**, 1024

**Water, accumulation, discontinued operations**, 1027(b)  
city, in air conditioning systems, 777(g)  
ground, 661(b)  
potable, identification, 908(b)  
private supply, 907  
public supply, 901(e)(2), 906  
storm, disposal, 901(k)  
supply requirements, 901(b)  
well, 901(f)

**Water-cement ratio, method 1 concrete**, 605(a)(2)  
method 11 concrete, 605(b)(3)a

**Water circulation, swimming pools**, 492

**Water closet compartments, mechanical ventilation**, 755(c)

**Water conservation**, 901(c)

**Water curtain, for stages in places of assembly**, 546(b)(7)b

**Waterfront property, Occupancy Certificates**, 216

**Waterproofing, pit**, 819(b)

**Water spray nozzles, at conveyor openings**, 342(b)

**Water supply, cross-connection**, 908(a)  
sprinkler systems, see Sprinkler systems, water supply  
standpipe systems, see Standpipe system, water supply  
testing, 922(c)

**Water tanks**, 338(h)

**Water towers, Inside Fire Districts**, 297(h)

**Welding, aluminum**, 627(b)  
steel, 616(b)

**Well water**, 901(f)

**Wheelchairs, building access**, 308, 357(d)

**Window boarding, demolition operations**, 1036(c)(2)

**Window hardware**, 371(j)  
party, fire-resistance rating, 332  
shear, load distribution, 579(a)  
stud, 622(a)  
swimming pools, 489(a)

**Windows, bay**, 336  
openable, locks, 371(j)(2)c  
oriel, 336  
in shafts, 344(c)  
stair enclosures, 375(j)

**Wind loads**, Subchapter 9, Art. 5, 569(a)

**Wire cable**, 636, 1055(b)  
fittings, 640  
protection, 642

**Wire rope**, 1055(b)  
loading, 1045(d)

**Wires, embedment in fire protection**, 324(a)

**Wood**, Subchapter 10, Art. 7  
empirical provisions, 622  
firecutting, 621(a)  
fire-retardant, see Fire-retardant wood  
floors, 622(c)  
identification, 618  
inspection requirements, Table 10-1, Table 10-2  
non-stress grade, 619  
protection of members, 621(b)  
quality control, 620  
structural design, Subchapter 10, Art. 7  
stud walls, 622(a)

**Wood beams, notches**, 622(c)(3)

**Wood burning appliances**, 848.08  
clearances, 848.08(g)  
location of, 848.08(c)  
mounting for fireplace stoves and room  
heaters, 848.08(f)

**Wood construction**, 624  
bracing, 622(b)  
bridging, 622(c)(2)  
floors, 623(a)(2)  
lumber and timber construction, RS 10-8  
nailing schedule, 622(d)  
plywood construction, RS 10-9  
sheathing, 622(b)(1)

**Wood footings**, 684(a)

**Wood partitions**, 622(a)

**Work shops**, 546(b)(11)

## X

**X-ray machines**, 416

## Y

**Yard hydrants**, 933  
required, 933  
with special equipment, 933(f)

**Yard main, private**, 945(b)(2)

## **Index**

**This page is intended to be left blank**