

Chapters ILHR 50 — 64

INDEX

See also first page of each chapter for listing of section headings.

- A
- ILHR Section No(s).
- ACADEMIES** ch. ILHR 56
- ACCESS:**
- Attics 51.02(18)(a)
- Buildings - fire department 54.01(5), 57.02(3)
- Roofs 51.02(18)(b)
- Windowless floor levels - fire department ... 52.02(2)
- ACCESSIBILITY FOR PHYSICALLY DISABLED:** 52.04
- Access to primary floor 52.04(4)(a)
- Additions 52.04(6)
- Alterations 52.04(6)
- Corridors 52.04(9)
- Definitions 52.04(2)
- Doors 52.04(9)
- Drinking fountains 52.04(11)
- Interior circulation 52.04(4)(b)
- Multi-use buildings 52.04(5)
- New construction 52.04(4)
- Parking 52.04(3)(a)
- Platforms 52.04(3)(d), 52.04(9)(e)
- Ramps 52.04(3)(b), 52.04(3)(d), 52.04(7)
- Site requirements 52.04(3)
- ACP TABLES** 63.15, Fig 63.15
- Selecting 63.13(1)
- ACTIVITY METHOD** 63.49
- ADDITIONS:**
- Accessibility for the disabled 52.04(6)
- Application 50.03, 63.001(3)
- Assembly halls 55.02(2m)(c)4
- Design 50.07
- Sprinkler systems 52.01(1)(a), 52.011(5)
- ADJOINING BUILDINGS:**
- Excavation protection 53.26
- Parapets 51.02(12)
- ADMINISTRATION AND ENFORCEMENT**
(Ch. ILHR 50):
- Additions 50.03, 50.07, 52.04(6), 63.001(3)(a)
- Alterations 50.03, 50.07, 50.12, 63.001(3)(b)
- Appeals 50.24
- Application of code 50.03, 50.04
- Approval by certified city inspector 50.21
- Approval of materials, equipment, devices testing laboratories 50.19
- Approval of plans and specifications ... 50.12, 63.01, 64.02
- Approval, revocation of 50.16
- Certificate of occupancy, local requirement.... 50.06
- Change of use 50.03, 52.04, 63.001
- Changes to plans and specifications 50.12(6)
- Design 50.07, 50.08
- Design responsibilities 50.12(3)(a)
- Enforcement 50.21(6), 50.23
- Evidence of plan approval 50.15
- Existing buildings 50.05
- Expiration of plan approval 50.17
- Fees 50.20, ch. ILHR 2
- First class city examination and approval 50.21
- Footing and foundation approval 50.13
- Local regulations 50.06
- Penalties 50.26
- Permission to start construction 50.14
- Petition for variance 50.25
- Plans prepared outside Wisconsin 50.08
- Scope of code 50.02, 50.04
- Tests and test reports 50.19, 51.044, 64.20
- AF (See area factors)**
- AGRICULTURAL BUILDINGS:**
- Exemption 50.04
- Greenhouses 62.90-62.96
- AIR CONDITIONING:**
- Controls 63.26, 63.27
- Design criteria 63.24, 64.01
- Equipment Efficiencies 63.20
- AIR INTAKES:**
- Combustion equipment (Solid and liquid fuels) 64.09
- Fresh air 64.19
- Location 64.07(1)
- Projection booths, ventilation 55.44
- AIR LEAKAGE** 63.11
- AIRPLANE HANGARS:**
- Plan review exemption 50.12(1)(f)
- ALARM SYSTEMS:**
- Fire alarms 51.24
- High rise buildings 52.01
- Smoke detectors 51.245
- ALLEY:**
- Definition 51.01(2)
- Exiting 52.26
- ALLOWABLE AREAS AND HEIGHT OF BUILDINGS** 51.02, 51.03, 52.013, 54.01, 57.02, 59.12, 62.24, 62.43, 62.94
- ALLOWABLE STRESSES:**
- Crane 53.14
- Masonry-empirical method 53.322(1)
- ALTERATION** 50.03(4), 51.01 (2e), 51.01 (105m), 63.001(3)(b)

ALTERATIONS:	
Accessibility	52.04
Code application	50.03
Design	50.07
Plan review	50.12
ALUMINUM CONSTRUCTION	53.54
AMUSEMENT FACILITY	51.01 (2m)
AMUSEMENT PARK:	
Amusement structures (Refer to ch. ILHR 34)	
ANCHORAGE, ANCHORS:	
Bolts	53.34
Concrete slabs on masonry (Restrained)	53.322
Masonry, general	53.316, 53.322, 53.323, 53.34
Masonry, veneer	53.322(6), 53.36(5)
Steel floor joists	53.52
Timber fasteners	53.322, 53.61, 53.63
Uplift and suction forces	53.12
Walls and partitions, intersecting	53.63
Wood fasteners	53.61
Wood floor framing to masonry	53.322, 53.323
Wood floor joists or beams on masonry	53.322, 53.323
Wood framing around openings	53.63
Wood headers	53.63
Wood joist anchors	53.63
Wood nailing schedule	53.63
Wood partitions	53.63
Wood sill anchors	53.63
Wood trusses	53.12, 53.62
ANTENNA	62.35, 62.41
Plan review	50.12(1)(i)
APARTMENT BUILDINGS	ch. ILHR 57
APPEALS	50.24
APPROVED, Definition	51.01(3)
APPROVED DIVERSIFIED TESTS:	
Definition	51.01 (3a)
Foam plastics	51.06
ARCHITECT:	
Design	50.07, 50.08
Plan submittal	50.12
Supervision	50.10
AREA:	
Conditioned floor area ... 63.001 (3), 63.25 (2), 63.27 (2)(a), 63.47	
Definition	63.05 (6)
Daylit area	63.45
Definition	63.05 (13)
Exterior roof or ceiling area .. 63.05 (21), 63.05 (16), 63.05 (22), 63.05 (32)	
Exterior wall area	63.05 (80)
Definition	63.05 (23)
Fenestration area, Definition	63.05 (25)
Gross, definition	51.01(4)
Gross exterior wall area	63.05 (33), 63.18 (3)
Definition	63.05 (27)
Gross floor area	63.18 (3)
Definition	63.03 (28)
Gross floor area over outside or Unconditioned spaces	63.18 (3)
Definition	63.05 (29)
Gross lighted area, Definition	63.05 (30)
Gross roof area, Definition	63.05 (31)
Gross exterior roof area	63.18 (3)
Definition	63.05 (32)
Listed space area, Definition	63.05 (39)
Net, definition	51.01(5)
Opaque areas, Definition	63.05 (48)
Support area, Definition	63.05 (62)
Window area, Definition	63.05 (79)
AREA CATEGORY METHOD	63.48
AREA FACTORS	63.49
AREAS:	
Allowable areas ... 54.01, 57.02, 59.12, 62.24, 62.43, 62.94	
Attic areas	51.02(19)
Automatic sprinklers	52.013
Draftstopping-floor/ceiling assemblies	53.63(2)
Increase in areas	54.01, 57.02, 59.12
Unlimited areas	54.01
Thermal envelope components	63.18(3)
AREAWAY:	
Definition	51.01(5a)
Habitable rooms below grade	57.11
ARENA, Horse	ch. ILHR 54 or 55
ASPHALT, Roof coverings	51.03-A, 51.05
ASSEMBLY HALLS:	
100 persons or less	ch. ILHR 54
More than 100 persons	ch. ILHR 55
ASSEMBLY SEATING FACILITIES	62.70-62.81
ATRIUM:	
Definition	51.01(5b)
General requirements	52.07
ATTIC:	
Access	51.02, 57.19
Compartmentalization	51.02(18)
Definition	51.01(6)
AUDITORIUMS (See ASSEMBLY HALLS)	
AUTOMATIC, Definition	51.01(7), 63.05(2)
AUTOMATIC FIRE SPRINKLER SYSTEM:	
Definition	51.01(7a)
Health care facilities	58.24, 58.25, 58.29
High rise buildings	52.01
Housing for the elderly	57.016(2)
Low rise buildings	52.011, 52.012, 52.013
School basements	56.03
Specifications	51.23
AUTOMATIC FIRE SUPPRESSION SYSTEM	
Definition	51.01(7b)
AUTOMATIC TIME SWITCH CONTROL DEVICE,	
Definition	63.05 (2)
B	
BALANCING	
Air system	64.53 (2)
Hydronic system	64.53 (2)

- BALCONY:**
 Definitions 51.01(8), 51.01(9)
 Exterior balcony, as exit 54.03, 57.05(12)
 Fire escapes 51.20
- BALLAST**
 Electronic A63.45
 Magnetic A63.45
 Tandem wiring 63.53
- BARRIER-FREE DESIGN** 52.04
- BASEMENT:**
 Definition 51.01(10)
 Fire department access 52.02(2)
 Habitable room below grade 57.11
 Schools 56.03
 Windowless floor levels 52.012(1)
- BATHROOM (See TOILETS, TOILET ROOMS, REST ROOMS, SANITARY FACILITIES)**
- BEAMS (Also see GIRDERS):**
 Concrete design 53.40
 Fire cuts 53.63
 Fire protective and fire-resistive requirements 51.03, 51.043, 51.045
 Plywood beams 53.61
 Reinforced concrete 53.40
 Reinforced masonry 53.323
 Steel 53.50
 Structural, glue laminated 53.61
 Timber, heavy 53.61
 Wood 53.61
- BEARING:**
 Soil capacity 53.21
 Wood beams and girders 53.34, 53.63
 Wood columns 53.60
- BEARING WALL, Definition** 51.01(11)
- BED AND BREAKFAST ESTABLISHMENT:**
 Code exemption 50.04
 Definition 51.01(11a)
- BELOW-GRADE WALLS** 63.15 (6)
- BI-LEVEL ILLUMINATION** 63.50 (2)
- BLEACHERS, Temporary seats** 62.70-62.81
- BLOCKS, CONCRETE MASONRY UNITS** 53.311
- BOILERS** 63.20 (4), 64.22 (10)
- BOLTS (See ANCHORAGE AND ANCHORS)**
- BOWLING ALLEYS** ch. ILHR 54 or 55
- BRACING:**
 Exterior stud walls 53.63
 Masonry walls, lateral 53.322
 Smokestacks 64.47
- BRIDGING:**
 Steel joists 53.50, 53.52
 Wood joists 53.63
- BUILDING:**
 Allowable areas and heights ... 51.02, 51.03, 52.013, 54.01, 56.01, 57.02, 59.12, 62.24, 62.43, 62.94
- Alterations 50.03, 50.07
 Capacity 54.05, 55.06, 57.04, 60.11
 Change of use 50.03, 52.04, 63.001
 Classes of construction 51.03
 Definition 51.01(12)
 Existing 50.05
 Locations 51.02(7),(12), 51.03, 55.02(2m), 62.22
 Maintenance 52.22, 52.64, 55.50, 61.21
 Pole 51.03(6)
 Temporary 50.04
- BUILDING ENVELOPE** 63.10 - 63.18
 Definition 63.05 (4)
 Component standards 63.15
 Gross area of components 63.18 (3)
 Compliance methods 63.14
 System standards 63.16
 Energy cost budget 63.70
 Required documentation 50.12 (4)(b)
- BUILDING PLAN APPROVAL** 50.12
- BUTTRESS, Definition** 51.01(14)
- C**
- C (See thermal conductance)
- CAISSONS** 53.24
- CALCULATIONS:**
 Energy conservation 50.12(4)(a)
 HVAC 50.12(4)(c)
 Structural 50.12(4)(b)
- CANOPIES:**
 Lighting 63.43 (2)
 Service stations 59.11
 Structural 53.11(4)
- CAPACITY (See BUILDING CAPACITY)**
- CAVITY WALL, Definition** 51.01(15)
- CEILING PROTECTION:**
 Day care centers 60.30
 Definition 51.01(16)
 Residential occupancies 57.01(3)
- CEILING** 51.03, 51.045
- CELLAR (See BASEMENT)**
- CEMENT (See PORTLAND CEMENT)**
- CERTIFICATE OF OCCUPANCY** 50.06
- CERTIFIED MUNICIPAL APPROVALS** 50.21
- CERTIFIED INSPECTOR, Definition** 51.01(16a)
- CFA (See conditional floor area)**
- CHANGE OF OCCUPANCY:**
 (Change of use) 50.03, 52.04, 63.001
- CHIMNEYS** 64.45, 64.46, 64.48, 64.50
- CHURCHES (See ASSEMBLY HALLS)**
- CIRCULATION, ACCESSIBILITY** 52.04
- CLASSIFICATION OF BUILDINGS:**
 Construction classification 51.03

ILHR 50-64 INDEX

- Occupancy classifications See OCCUPANCY CHAPTERS chs. ILHR 54, 55, 56, 57, 58, 59, 60, 61, 62
- CLASSROOMS:**
 Mobile training units 56.40
 Relocatable 56.30
- CLEANLINESS** 52.23
- CLEARANCE LIMITATIONS:**
 Fire Protection 64.51
 Headroom 51.164
 Open parking structures 62.25
- CLERESTORIES** 63.12 (2)(c)
- CLIMATE DATA** 63.23 (1)
- CLOSING DEVICE:**
 Definition 51.01(17)
 Residential occupancies 57.06(2)
- COLLEGES AND UNIVERSITIES** ch. ILHR 56
- COLUMNS:**
 Definition 51.01(17n)
 Fire protection requirements . . . 51.02, 51.03, 51.045
 Footings supporting 53.11
 Heavy timber 51.03
 Masonry 53.322
 Reinforced concrete 53.40
 Structural steel 53.50
 Wood 53.61, 53.63
- COMBINATION SPACE AND WATER HEATING SYSTEMS** 63.20 (4), 64.22 (10)
- COMBUSTIBLE:**
 Clearance to 64.51
 Construction, definition 51.01(18)
 Material, definition 51.01(19)
 Material, storage of 60.19
- COMBUSTION AIR** 64.09
- COMFORT** 63.05 (5), 63.25
- COMFORT COOLING, Definition** 63.05 (5)
- COMFORT HEATING, Definition** 63.05 (5)
- COMMERCIAL MOTOR VEHICLE**
 Definition 51.01(19a)
- COMMISSIONING** 64.53
- COMMUNITY-BASED RESIDENTIAL FACILITIES (CBRF)** ch. ILHR 57 or 61
 Definition 51.01(19b)
 Exemption 50.04
- COMPLETE BUILDING METHOD** 63.47
- COMPLIANCE FORMS** 50.12 (4)(b)
- COMPONENT STANDARDS METHOD** . . 63.14, 63.15
- COMPOSITE WALLS** 53.322
- COMPOSITION ROOFING** 51.05
- COMPUTER ROOMS** 63.21 (2)(b)
- CONCRETE:** 53.40-53.42
 Types of 51.045
- CONCRETE BLOCKS** 53.311
- CONCRETE CONSTRUCTION:**
 Aggregate 53.40, 53.42
 Basement walls 53.322, 53.40
 Beams 53.40
 Block 53.311
 Columns 53.40
 Concrete 53.40-53.42
 Concrete, types of 51.045
 Erection 53.40
 Fire-resistance materials 51.043-51.045
 Fire-resistance ratings 51.043
 Gypsum concrete 53.41
 Lateral support 53.322, 53.40
 Materials 53.40
 Precast, Prestressed, Pretensioned 53.40
 Piers 53.322, 53.40
 Post-tensioned 53.40
 Protection against freezing 53.33
 Reinforced 53.40
 Stone 53.311, 53.40-53.42
 Tests 53.40
 Types 53.045
 Water 53.315
 Vermiculite 53.42
 Working stresses 53.311, 53.312, 53.40
- CONCRETE FLOORS** 63.15 (5)
- CONDENSATION** 63.11 (4)
- CONDITIONED FLOOR AREA, Definition** . . 63.05 (6)
- CONDITIONED SPACE, Definition** 63.05 (7)
- CONDOMINIUMS** ch. ILHR 57
- CONNECTED LIGHTING POWER** 63.45
- CONNECTORS, CHIMNEY & VENTS** 64.50
- CONSERVATION OF ENERGY** ch. ILHR 63
- CONSTRUCTION:**
 Aluminum 53.54
 Classes 51.03
 Concrete 53.40
 Definition 51.01(21)
 Masonry 53.32, 53.322, 53.323, 53.33, 53.34, 53.35
 Separation of classes 51.02(20)
 Stage separation 55.21
 Steel 53.50
 Temporary 50.04
 Types 51.03
 Wood framing 53.60, 53.61, 53.62, 53.63
- CONVALESCENT HOMES** ch. ILHR 57
- CONVENTS** ch. ILHR 57
- COOLED SPACE, Definition** 63.05 (8)
- CORBELING MASONRY** 53.34
- CORRECTIONAL FACILITIES** ch. ILHR 58
 subch. II
- CORRIDOR, Definition** 51.01(22)

CORRIDORS:		DIAPHRAGMS, PLYWOOD	53.61
Definition	51.01(22a)	DIRECT VENT SEALED COMBUSTION CHAMBER APPLIANCE:	
Required exits - fire ratings	51.03	Boilers	64.21(2)
COURT:		Definition	51.01(29a)
Definition	51.01(23)	Furnaces	64.21(1)
Inner, definition	51.01(24)	Water heaters	64.21(2)
Inner lot line, definition	51.01(25)	DISPLAY LIGHTING, Definition	63.05 (/11)
Outer, definition	51.01(26)	DISTANCE BETWEEN BUILDINGS	51.03
Outer lot line, definition	51.01(27)	DISTRIBUTION OF EXITS	51.151
Sizes	52.05	DIVISION WALL, Definition	51.01(30)
COURT WALLS, REQUIRED FIRE-RESISTIVE		DOORS	63.15 (2), 63.18 (1), 63.18 (2)(a) 3., A63.18
	51.03	DOORS AND DOOR ASSEMBLIES, RATED	51.047
CURB, CUT FOR BARRIER-FREE ACCESS		DORMITORIES	ch. ILHR 57
	52.04(3)	DRAFT STOPS	53.63
CURTAIN, PROSCENIUM		DRAWINGS (See ADMINISTRATION AND ENFORCEMENT)	
	55.23	DRESSING ROOMS, STAGE	55.28
CURTAIN WALL, Definition		DRINKING FOUNTAINS:	
	51.01(28)	Accessibility	52.04(11)
D			
DAMPERS		Assembly halls	55.32
Combustion air	64.09 (2)	CBRF's	61.19
Exhaust and intake	64.19 (5), 64.67 (5)(i)	Correctional facilities	58.68
DAMPERS AND SHUTTERS, FIRE		Educational facilities	56.16
	64.42	Factories, offices, stores	54.12
DANCE HALLS		General requirements	52.60(4)
	ch. ILHR 54 or 55	Health care facilities	58.32
DAY CARE CENTERS		Residential facilities	57.12
	ch. ILHR 60	DRY CLEANING	54.14(1)(c)
DAYLIT AREA		(Also refer to ch. ILHR 15)	
Definition	63.50 (3), A63.05 (13)	DUCT, Definition	51.01(31)
Definition	63.05 (13)	DUCT FURNACE, Definition	51.01(32)
DAYLIGHTING CONTROL		DUCTS	64.31-64.40
Definition	63.45 (2), 63.50 (3)	Duel duct systems	63.27 (2)(g)
Definition	63.05 (9)	Insulation	63.29 (3)
DEAD LOADS		Kitchen exhaust	64.67
	53.10	Materials	64.34
DEADBAND		Sealing	64.34
Definition	63.26 (2)(d)	Underground	63.27
Definition	63.05 (10)	DUMB WAITERS (Refer to ch. ILHR 18)	
DECAY PREVENTION		DWELLING UNITS	63.45 (3)(p), 63.42 (4)
	53.63	DWELLINGS:	
DECORATIVE FEATURES:		Apartments	ch. ILHR 57
Assembly halls	55.18, 55.19	One and two-family units exempt	50.04
Exterior projections	51.03	(Also refer to Uniform Dwelling Code chs. ILHR 20-25)	
Fire protection requirements	51.02(15)	E	
Interior finishes	51.06	EA (See effective aperature)	
DEFINITIONS:		EARTH PRESSURE:	
Certain words and topics	51.01, 63.05	Piling	53.24
Occupancies, scopes	54.001, 55.01, 56.001, 56.30, 56.40, 56.50, 57.001, 58.001, 58.40, 59.10, 60.01, 61.001, 62.20, 62.35, 62.42, 62.52, 62.70, 62.90, 62.97	Pole foundations	53.28
Types of construction	51.03	Soil bearing capacity	53.21
DEGREE DAY, Definition			
	63.05 (11)		
DEHUMIDIFICATION CONTROLS			
	63.27		
DEPARTMENT, Definition			
	51.01(29)		
DESIGN CONDITIONS			
	63.23		
DESIGN AND SUPERVISION OF CONSTRUCTION			
	50.07, 50.10		
DETECTORS (See SMOKE DETECTION)			
DETENTION AND CORRECTIONAL FACILITIES			
	ch. ILHR 58 subch. II		

- ECB (See energy cost budget)
- ECCENTRIC LOADS 53.11
- ECONOMIZERS 63.31
Water economizers, definition 63.05 (15)
- EFFECTIVE APERTURE, Definition 63.05 (16)
- EFFICACY, Definition 63.05 (17)
- EFFICIENCIES 63.20, 63.21, A63.20
- ELECTRIC WELDING 53.53
- ELECTRICAL WORK:
CBRF 61.25
General Requirements 52.20
Sprinklers 51.23(1)
(See also Wis. Electrical Code ch. ILHR 16)
- ELPA (See exterior lighting power allowance)
- ELEVATORS (Refer to ch. ILHR 18)
- ELEVATOR SHAFTS (See VERTICAL OPENINGS)
- EMERGENCY LIGHTS 63.45 (3)(1)
- EMISSIVITY, Definition 63.05 (18)
- ENCLOSURE OF VERTICAL OPENINGS
(See STAIRS AND STAIRWAYS and TYPES OF CONSTRUCTION)
- ENERGY CONSERVATION: (ch. ILHR 63)
HVAC Equipment and systems:
Controls 63.26, 63.27, 63.28
Cooling with outdoor air 63.31
Equipment efficiencies 63.20
Insulation 63.29
Illumination and electrical systems:
Controls 63.45, 63.50, 63.51
Lighting 63.40-63.49
Motors 63.32
Nondepletable energy sources:
Documentation 63.61
Solar, wind, geothermal, and others 63.60
Scope and purpose:
General 63.001
Plans and specifications 63.01
Purpose 63.002
Systems analysis design:
Annual energy consumption 63.70
Documentation 63.72
Simulation 63.71
Thermal envelope
Component standards 63.15
System standards 63.16
Calculations 63.18
General requirements 63.11
- ENERGY COST BUDGET 63.70
- ENERGY RECOVERY (See heat recovery)
- ENGINEER:
Design 50.07, 50.08
Plan submittal 50.12
Supervision 50.10
- EQUIPMENT, Definition 51.01(34)
- EQUIPMENT CONTROLS 63.22, 63.27 (3)
- EQUIVALENT THICKNESS, MASONRY 51.045
- EXCAVATIONS 53.20-53.28
- EXHAUST VENTILATION SYSTEMS: 64.08
Definition 51.01(35)
- EXHIBITION BUILDINGS ch. ILHR 54
- EXISTING, Definition 51.01(36)
- EXISTING BUILDINGS:
Additions, alterations, repairs 50.03, 63.001
Application of code 50.03
Barrier-free environment 52.04
General orders on (Refer to chs. Ind. 160-164)
- EXIT:
Access, definition 51.01(36b)
Aisles (See PASSAGEWAYS)
Areas of hazards 51.167
Capacity 51.15
Court 52.05
Court, definition 51.01(37)
Definition 51.01(36a)
Discharge grade, definition 51.01(38)
Distribution 51.151
Doors 51.15, 54.06, 55.10, 56.08, 57.06, 58.04,
58.49, 59.13, 60.12, 61.12
Doors, revolving, sliding 51.15(2), 54.06, 55.10
Enclosures 51.02(14), 51.18
Hardware 51.15(3)
Horizontal 51.19
Lights ... 51.15(5), 54.06, 55.11, 56.06, 57.10, 58.18,
58.57, 59.14, 60.38, 62.29, 62.51
Locking 51.15(3), 54.06(3), 58.20, 58.58
Means of egress, definition 51.01(80a)
Monumental stairs 54.08, 55.09
Number required .. 54.02, 55.07, 56.06, 57.03, 58.05,
58.49, 59.14, 60.11, 60.31, 61.12, 62.26, 62.47,
62.53, 62.75, 62.95, 62.99
Panic hardware 51.15(3)
Ramps (See RAMPS)
Rescue platforms 54.03, 57.05
Signs 51.15(5), 63.45 (3)(n), 63.52
Sliding door glazed 57.06, 60.12
Stairways 51.16
Width 51.15, 54.04, 55.12, 56.07, 57.04, 58.12,
58.54, 59.15, 60.32, 62.47
Vertical, definition 51.01(39)
- EXPLOSIVES, Storage of (Refer to ch. ILHR 7)
- EXPOSED EXTERIOR COLUMNS
AND FRAMING 51.02(10)
- EXTERIOR ENVELOPE, Definition 63.05 (19)
- EXTERIOR LIGHTING
Building facades 63.43 (2) (d)
Canopy 63.43, (2) (b)
Exempt 63.42
Manufacturing 63.42 (1)
Power allowance 63.43
Soffits 63.43 (2) (b)
What is covered 63.40

- EXTERIOR OPENINGS:**
 Doors (See DOORS AND DOOR ASSEMBLIES)
 Ducts 64.19
 Exits 51.15, 51.20
 Fire protection 51.03
 Intakes 64.19
 Vents 64.19, 64.39, 64.40
- EXTERIOR ROOF OR CEILING,**
 Definition 63.05 (20)
- EXTERIOR ROOF OR CEILING AREA,**
 Definition 63.05 (21)
- EXTERIOR SHADE** 63.50 (3) (b) 2.
- EXTERIOR STAIRWAYS** 51.16, 51.20, 54.03
- EXTERIOR WALL:**
 Construction 51.02(4), 51.03
 Definition 51.01(41), 63.05 (22)
- EXTERIOR WALL AREA,**
 Definition 63.05 (23)
- F**
- FACTORIES** 54.001
- FACTORY, Definition** 51.01(41a)
- FAMILY, Definition** 51.01(42)
- FARM BUILDINGS, Exemption** 50.04
- FARM OPERATION, Definition of** 51.01(42a)
- FEE SCHEDULE (Refer to ch. ILHR 2)**
- FENESTRATION, Definition** 63.05 (24)
 ACP tables 63.15
 U-value 63.18 (2) (b)
- FENESTRATION AREA, Definition** 63.05 (25)
- FENESTRATION IN-FILL PANELS** 51.02(4)
- FILLING STATIONS** ch. ILHR 54 or 59
- FINISHES (See INTERIOR FINISHES)**
- FIRE:**
 Alarms 51.24, 54.17, 56.19, 57.17, 58.64, 58.83,
 59.24, 60.36
 Dampers 51.049, 64.42
 Doors 51.047
 Escapes 51.20
 Exits (See EXIT)
 Extinguishers 51.22, 54.145, 55.33(3), 56.18, 57.18,
 58.28, 58.63(3), 59.23, 61.20, 62.50
 Protection requirements 51.02, 51.03
 Ratings of material and assemblies 51.04
 Sprinklers 51.23, 52.01, 52.011, 52.012, 52.013
 Standpipes 51.21, 54.15(2), 55.33(2), 56.20(2),
 57.15(2), 58.28, 58.63(2), 59.23, 62.30
 Stopping 51.049, 53.63
 Walls-division 51.02(13)
- FIRE DOOR, Definition** 51.01(43)
- FIRE DOOR ASSEMBLY, Definition** 51.01(44)
- FIRE DOOR CLOSING DEVICE, Definition**
 51.01(45)
- FIRE RESISTANCE AND FIRE RESISTIVE
 MATERIAL, Definition** 51.01(46)
- FIRE RESISTANCE RATINGS:**
 Assemblies 51.045
 Construction 51.03
 Materials 51.045
 Standards and references 51.04
 Testing laboratories 51.044
- FIRE RESISTIVE:**
 Classification, definition 51.01(47)
 Protection, definition 51.01(48)
 Protection, directly applied, definition 51.01(49)
 Rating, definition 51.01(50)
 Standards 51.04
- FIRE RETARDANT:**
 Roof coverings, definition 51.01(51)
 Treated wood, definition 51.01(52)
- FIRE SUPPRESSION SYSTEM:**
 Definition 51.01(7b)
 General requirements 51.23
 High rise buildings 52.01(1)
- FIRE WINDOW ASSEMBLY**
 Definition 51.01(53)
- FIREPLACES AND FIREPLACE STOVES** 58.24,
 64.22
- FIRESTOPPING:**
 For wood frame construction 53.63
- FIRST FLOOR, Definition** 51.01(54)
- FLAMEPROOFING REQUIRED** 55.19, 62.45
- FLAME-SPREAD CLASSIFICATION**
 Definition 51.01(55)
- FLOODPLAIN, CONSTRUCTION WITHIN** 50.07
- FLOOR:**
 Definition 51.01(56a)
 Finish 51.07, 52.57
 Fire resistance 51.03
 First, determination 51.02(14)
 Level, definition 51.01(57a)
 Loads 53.10, 53.11, 53.13
 Mezzanine, definition 51.01(82)
 Pits, in garage 59.11
 Plywood 53.61
 Posting loads 54.17
 Protection for stoves, water heaters 64.51
 Trap door, stage 55.22
- FLOORS OVER UNCONDITIONED SPACE** 63.15
 (4), 63.18 (3) (b)
- FLUES** 64.46
- FOAM PLASTICS** 51.06
- FOOTING (Also see FOUNDATIONS)** 53.20
- FOUNDATIONS:**
 Basement wall loads 53.11
 Caissons 53.24
 Concrete 53.40
 Design 53.11

Occupancy separations	51.08	Mechanical ventilation systems	64.06
Sanitary facilities	59.20	Natural ventilation systems	64.07
HAZARDOUS PIPING:		Occupancy requirements	64.54-64.68
Definition	51.01(68)	Outside temperature design conditions	64.04
Plenum	64.41	Piping	64.23
HAZARDS, ISOLATION OF	54.14, 55.29, 56.15, 57.14, 58.24, 58.62, 59.21, 60.25, 60.37, 62.32, 62.78, 62.965	Plan submission	50.12
HC (See wall heat capacity)		Plenums	64.41
HEADROOM	51.164, 62.25	Relief vents	64.40
HEALTH CARE FACILITIES: ... ch. ILHR 58 subch. I		Smoke pipes	64.49
Automatic sprinklers	58.24, 58.25, 58.29	Smokestacks, metal	64.47
Class of construction	58.01	Solid fuel burning	64.21
Corridor wall construction	58.31	Special equipment requirements	64.22
Detention, alarm and communication systems	58.27	Tempered air requirements	64.13
Elevator lobby enclosure	58.22	Tempered outside air requirements	64.14
General requirements	58.01	Underground duct	64.33
Separation from other occupancies	58.02	Ventilation discharge	64.39
Smoke barriers	58.30	Vertical shafts	64.36
HEAT CAPACITY	63.15 (3), A63.15 (3) (b)	HEAVY TIMBER CONSTRUCTION	51.03(4)
Definition	63.05 (34)	HEIGHT:	
HEAT PUMP AUXILIARY HEAT	63.22	Automatic sprinklers	51.02(21), 52.01
HEAT RECOVERY	64.56 (3)	Chimneys	64.45
HEAT TRAPS	Table 63.29-1	Classifications of construction	51.03
HEATED SIDEWALK, PROHIBITED	63.19	Definition	51.01(70)
HEATED SPACE, Definition	63.05 (25)	Masonry walls	53.322
HEATING SYSTEM, Definition	51.01(69)	Parapet walls	51.02(12), 53.322
HEATING, VENTILATING AND AIR CONDITIONING:	ch. ILHR 64	Towers, spires, poles	53.61, 62.35
HEATING, VENTILATING AND AIR CONDITIONING SYSTEM, Definition	63.05 (36)	Windloads	53.12
Air cleansing devices	64.16	HOLLOW BONDED WALL, Definition	51.01(71)
Air movement and distribution	64.06	HOLLOW MASONRY:	
Air velocities	64.31	Units	53.311
Automatic controls	64.17	Walls	53.321, 53.322, 53.34
Chimneys, factory built	64.48	HOODS, KITCHEN EXHAUST	64.67
Chimneys, masonry	64.46	HORIZONTAL EXITS	51.19
Combustion air intakes	64.09	HORSE ARENA	ch. ILHR 54 or 55
Contamination of air	64.18	HOSE:	
Dampers and damper controls	64.09, 64.42	Sprinklers	51.23
Design	50.07, 50.08	Standpipes	51.21
Duct connectors	64.35	HOSPITALS:	ch. ILHR 58 subch. I
Duct construction	64.34	Definition	51.01(71a)
Duct design	64.31	HOTELS	ch. ILHR 57
Duct use	64.32	HUMIDITY ..	53.05 (5), 63.05 (37), 63.25 (1), 63.27 (2) (c), 63.28
Equipment installations	64.21	HUMIDISTAT, Definition	63.05 (37)
Equipment ratings safety controls	64.20	HVAC (See heating, ventilating and air conditioning)	
Exhaust ventilation system	64.08	HVAC Controls	
Fans and blowers	64.44	Deadband	63.26 (2) (d)
Fire dampers and fire doors	64.42	Dehumidification	63.27
Gas vents	64.50	Humidity control	63.28
Gravity ventilation ducts	64.38	Off-hour isolation	63.27 (3)
Heat loss and capacity	64.03	Shut-off dampers	64.19 (5)
Inside design temperatures and ventilation ...	64.05	HVAC EQUIPMENT	
Insulation	64.37	Field assembled	63.21
Location of air intakes or exhausts	64.19	Minimum efficiencies	63.20
		Mixed manufacturers	63.21
		Multiple functions	63.20 (4), (5), (6)
		Part-load performance	63.20 (3)
		Scope	63.20

- LISTED SPACE AREA, Definition 63.05 (39)
- LIVING UNIT, Definition 51.01(76a)
- LOADS, DEAD 53.10
- LOADS, DESIGN COMBINATIONS 53.15
- LOADS, FOOTINGS AND FOUNDATIONS..... 53.20
- LOADS, LIVE:
- Concentrated 53.11
 - Cranes 53.13
 - Floor loads, occupancy 53.11
 - Footings 53.11
 - Impact 53.13
 - Posting loads 54.17
 - Reduction of loads 53.11
 - Roof 53.11
 - Sidewalks 53.11
 - Snow 53.11
 - Soil 53.21
 - Tests 53.21
 - Wind 53.12
- LOADS, PILES 53.24
- LOADS, RAILINGS..... 51.14(3), 51.161, 62.28
- LOADS, WIND 53.12
- LOBBY:
- Definition 51.01(77)
 - Enclosure of, health care facilities 58.22
 - Theaters 55.15
- LOCAL REGULATIONS 50.06
- LOCKS ON DOORS 51.15(3), 54.06(3), 58.20
- LODGING HOUSES ch. ILHR 57
- LOT LINE, Definition 51.01(78)
- LOT LINES, Plot plan required 50.12(3)
- LPB (See lighting power budget)
- LPD (See lighting power density)
- LS (See listed space area)
- LUMBER 53.61
- LUMEN MAINTENANCE 63.45 (2), 63.51 (6)
- Definition 63.05 (40)
- LUMINAIRES, Definition 63.05 (41)
- Portable 63.45
 - Track lighting 63.45 (4)
- M
- MAINTENANCE:
- Assembly halls 55.50
 - Automatic fire sprinklers 51.23(6), 52.01(2)
 - CBRF's 61.24
 - Fire alarms 51.24(10)
 - Fire extinguishers 51.22(3)
 - Exits 52.21
 - General 52.22, 52.23
 - HVAC systems 64.52
 - Public schools 52.22 note
 - Smoke detectors 51.245(3)
 - Standpipes 51.21(8)
 - Toilet rooms 52.64
- MAJOR APPARATUS, Definition 51.01(79)
- MANSARDS (Wall construction behind) 51.03(1), (2) (3)
- [Also refer to decorative combustible materials 51.02(15)]
- MANUAL, Definition 63.05 (42)
- MANUFACTURED MULTI-FAMILY DWELLING:
- Approval 50.125
 - Definition 51.01(79a)
 - Local regulations 50.06(6)
- MANUFACTURING, OCCUPANCY ch. ILHR 54
- MASONRY CONSTRUCTION:
- Aggregate 51.045, 53.312
 - Basement walls 53.322
 - Block 53.311
 - Brick 53.311
 - Cast stone 53.311
 - Cavity walls 53.321, 53.322
 - Cementitious materials 53.314
 - Ceramic 53.36
 - Ceramic veneer 53.36
 - Change in thickness 53.34
 - Chases 53.34
 - Chimney walls 53.321
 - Clay or shale units 53.311
 - Composite 53.322
 - Concrete units 53.311
 - Construction 53.33
 - Corbeling 53.34
 - Definition 51.01(80)
 - Design, empirical 53.322
 - Design, engineered 53.323
 - Details, construction 53.34
 - Erection, general 53.01
 - Fire resistance materials 51.043-51.045
 - Fire resistance ratings 51.043
 - Glass blocks 51.048
 - Grout 53.313
 - Gypsum, mortar 53.312
 - Gypsum units 53.311
 - Hollow 53.311
 - Jointing 53.322, 53.36
 - Lateral support 53.322
 - Materials 53.31
 - Mortar 53.312
 - Piers 53.322
 - Protected 51.03(5)
 - Protection against freezing 53.33
 - Reinforced, ties and anchors 53.316
 - Stone 53.311
 - Terra cotta 53.36
 - Tests 53.35
 - Types 53.321
 - Units 53.311
 - Unprotected 51.03(5)
 - Veneered walls 53.36
 - Wall thickness 53.322
 - Water 53.315
 - Working stresses 53.311, 53.312

ILHR 50-64 INDEX

MASS WALLS 63.15 (3)
 Definition..... 63.05 (43)

MASS WALL POSITION, Definition 63.05 (44)

MATERIALS, METHODS AND DEVICES, Approval
 of 50.19

MEANS OF EGRESS (See EXIT)
 Definition..... 51.01(80a)

MECHANICAL VENTILATION (See VENTILATION)

MEDICAL AND CLINICAL AREA,
 Definition..... 63.05(45)

MENTAL HOSPITALS ch. ILHR 58 subch. I

METAL BUILDINGS 63.18 (2)

MERCANTILE, Occupancy ch. ILHR 54

MEZZANINE, MEZZANINE FLOOR:
 Definition..... 51.01(82)
 Number of stories 51.02(14)

MINI-STORAGE BUILDINGS: 62.995
 Definition..... 51.01(82a)

MINIMUM DESIGN LOADS 53.10, 53.11

MOBILE TRAINING CLASSROOMS..... 56.40-56.46

MOISTURE MIGRATION 63.11 (4)

MONUMENTAL STAIRS..... 54.08, 55.09

MORTAR 53.312

MOTELS ch. ILHR 57

MOTOR VEHICLE GARAGES ch. ILHR 59

MOTORS
 Minimum efficiency 63.32
 Multispeed 63.32 (f)
 Sizing 63.53 (2)-(4)

MULTIBUILDING FACILITIES 63.41

MULTIPLE-ZONE SYSTEMS 63.27

MULTISCENE DIMMING SYSTEM,
 Definition..... 63.05 (46)

MUSEUMS ch. ILHR 56

N

NAILS 53.63

NATIONAL FENESTRATION RATING
 COUNCIL 63.18 (2) (b)

NET AREA, Definition 51.01(83)

NONBEARING PARTITIONS OR WALLS:
 Definition..... 51.01(84)
 Fire protective requirements 51.03
 Fire resistance ratings 51.03
 General..... 51.02
 Masonry 53.17, 53.322

NONCOMBUSTIBLE CONSTRUCTION
 Definition..... 51.01(85)

NURSING HOMES: ch. ILHR 58 subch. I

Definition..... 51.01(86a)

O

OBSTRUCTION-PROHIBITED:
 Aisles 52.21
 Exits..... 51.15(2)
 Horizontal exit 51.19(2)
 Stairways..... 51.16(3)

OCCUPANCY OR USE, Definition of 51.01(87)

VARIANCE, PETITION FOR..... 50.25

OCCUPANCY CHAPTERS:
 CHILD DAY CARE FACILITIES (including all public and private day care centers accommodating children, including all buildings, or parts of buildings, used as day care facilities) ... Chapter ILHR 60

COMMUNITY-BASED RESIDENTIAL FACILITIES (CBRF) (including facilities providing care, treatment and services to 9 through 20 unrelated adults located in existing buildings and sheltered facilities for battered women) ... Chapter ILHR 61

FACTORIES, OFFICE AND MERCANTILE BUILDINGS (including all factories and workshops, office buildings, telegraph and telephone offices, mercantile establishments where commodities are bought or sold, taverns, warehouses, railroad stations, exhibition buildings, and places where not more than 100 persons assemble for recreation, entertainment, worship, or dining purposes)..... Chapter ILHR 54

HAZARDOUS OCCUPANCIES (including all garages [except private garages], filling stations and related buildings and structures, automobile tire or battery shops, and other occupancies where flammable or combustible liquids or other hazardous materials are manufactured, processed, stored, or otherwise handled) ... Chapter ILHR 59

HEALTH CARE FACILITIES AND PLACES OF DETENTION (including hospitals, nursing home reformatories and lock-ups) Chapter ILHR 58

RESIDENTIAL OCCUPANCIES (including all apartment buildings, garden apartments, row houses, town houses, condominiums, rooming houses, hotels, motels, dormitories, convents, monasteries, homes for the aged, community-based residential facilities, sheltered facilities for battered women, and other places of abode Chapter ILHR 57

SCHOOLS AND OTHER PLACES OF INSTRUCTION (including all public and private schools, universities, colleges, academies, seminaries, libraries and art galleries, including all buildings or parts of buildings used primarily for instructional purposes)..... Chapter ILHR 56

SPECIALTY OCCUPANCIES (including open parking structures, radio and television transmitting and receiving antenna, tents, outdoor theaters, assembly seating facilities, greenhouses, pedestrian access structures connecting buildings) Chapter ILHR 62

THEATERS AND ASSEMBLY HALLS (including all buildings, or parts of buildings, containing an assembly hall having a stage which may be equipped with curtains or permanent or movable

- scenery, or which is otherwise adaptable to the showing of plays, operas, motion pictures, or similar forms of entertainment; and all buildings, or parts of buildings other than theaters, which will accommodate more than 100 persons for entertainment, recreation, worship or dining purposes) Chapter ILHR 55
- OCCUPANCY SEPARATION 51.08
- OCCUPANT LOAD:
 Calculating capacities 54.06, 55.06, 56.07(2), 57.04, 58.12, 58.46, 59.16, 60.11
 Exit width 51.15(6)
- OCCUPANT SENSORS 63.45 (2), 63.51 (4)
 Definition 63.05 (47)
- OCCUPIED, Definition 51.01(88)
- OIL STORAGE 64.23(5)
- OPAQUE AREAS, Definition 63.05 (48)
- OPAQUE WALL 63.05 (48), 63.15 (3), 63.18 (3) (c)
- OPENINGS:
 Combustion air 64.09
 Exterior walls 51.03
 Fire department access 52.02
 Motion picture projection booths 55.39
 Protected with fire doors or windows 51.047, 51.048
 Rated construction 51.045, 51.049
 Stairways or shafts 51.02(11), 51.03
- OPEN PARKING STRUCTURES ch. ILHR 62 subch. I
- OPEN SPACES, Definition 51.01(89)
- OPEN WEB STEEL JOIST 53.52
- ORIEL WINDOWS (Bay) 51.03
- ORNAMENTAL CHANDELIERS, DEFINITION 63.05 (49)
- ORPHANAGES ch. ILHR 57
- OUTDOOR OPENINGS, Definition 51.01(90)
- OUTDOOR THEATERS 62.52-62.62
- OUTLET (SUPPLY OPENING), Definition .. 51.01(93)
- OUT-PATIENT SURGICAL FACILITIES:
 Definition 51.01(93a)
 HVAC systems 64.57
- OUTSIDE AIR, Definition 51.01(94)
- OUTSIDE AIR INTAKE, Definition 51.01(95)
- OUTSIDE STAIRS 51.16, 51.20, 54.03(1)
- OWNER:
 Application for permit 50.12
 Responsibility 50.11
- P
- PANEL WALL, Definition 51.01(96)
- PANIC HARDWARE 51.15(3)
- PARAPET WALL 51.02(12)
- PARITY, REST ROOM 55.32, 54.12, 52.50, 62.58
- PARKING GARAGE, OPEN DECK ch. ILHR 62 subch. I
- PARKING LOTS 63.43
- PARKING SPACES, for physically disabled ... 52.04(3)
- PART LOAD PERFORMANCE 63.20 (3)
- PARTITION, Definition 51.01(97)
- PARTY WALL, Definition 51.01(98)
- PASSAGEWAYS 52.21, 54.07, 56.09, 57.09, 59.15, 60.22, 60.33, 61.12
- PEDESTRIAN ACCESS STRUCTURES 62.97
- PENALTIES AND VIOLATIONS 50.26
- PENTHOUSE: 51.03
 Definition 51.01(99)
- PERIMETER ZONES 63.26 (2)
- PERMITS, BUILDING:
 Agent municipalities 50.21
 Plan approval 50.12
 Footing and foundations 50.13
 Local 50.06
 To start construction 50.14
- PETROLEUM STORAGE (Refer to ch. ILHR 10)
- PEWS, Width 55.13
- PHOTOCELL SENSORS 63.51 (7)
- PHYSICALLY DISABLED,
 General requirements 52.04
- PIERS:
 Definition 51.01(100)
 Masonry 53.322
- PILASTER, Masonry:
 Definition 51.01(101)
 General requirements 53.322
- PILES 53.24
- PIPE:
 Duct 64.33
 Insulation 63.29 (2)
 Smoke 64.49
 Steam or hot water 64.23
- PIPING, HAZARDOUS, Definition 51.01(102)
- PLACE OF ABODE, Definition 51.01(102a)
- PLACE OF EMPLOYMENT, Definition ... 51.01(102b)
- PLACES OF DETENTION: ch. ILHR 58 subch. II
 Class of construction 58.42
 Exiting 58.47-58.58
 Fire detection and suppression 58.62-58.65
 Guard towers and observation stations 58.67
 Isolation of hazards 58.61
 Protection of openings 58.59-58.60
 Sanitary facilities 58.66
 Separation from other occupancies 51.08

PLANS:		PUBLIC SEWERS, Connection with.....	52.62
Examination and approval	50.12	PUBLIC THOROUGHFARE	
Fee (Also refer to ch. ILHR 2).....	50.20	Definition.....	51.01(105)
Plot	50.12		
Prepared outside Wisconsin	50.08		
Required for permit to start.....	50.14		
PLASTICS, FOAM	51.06		
PLASTICS, LIGHT TRANSMITTING	51.065		
PLATFORMS:			
Guardrails.....	51.162		
Rescue platforms	54.03, 57.05		
Stairway landings	51.16(5)		
PLENUM	64.41		
PLOT PLAN, Required	50.12(3)		
PLYWOOD	53.61		
POLE BUILDING	51.03(6)		
POLE FOUNDATIONS	53.28		
POLICE STATION, Occupancy	ch. ILHR 54 or 58		
subch. II			
PORCH, Definition	51.01(103)		
PORTLAND CEMENT, Masonry mortar	53.35		
POSTING:			
Floor loads	54.18		
Occupancy capacities	55.06		
POWER PLANT, Occupancy	ch. ILHR 54		
PRECISION COMMERCIAL OR INDUSTRIAL			
WORK, Definition	63.05 (50)		
PRESSURE TREATED WOOD:			
Fire retardant, definition	51.01(52)		
For decay prevention	53.63		
PRESTRESSED CONCRETE	53.40		
PRISON, Occupancy	58.40-58.69		
PRIVATE DRIVEWAYS, WALKWAYS, AND			
PARKING LOTS, Definition	63.05 (51)		
PRIVATE GARAGE, Definition	59.01(5)		
PROJECTION BOOTH	55.39		
PROPERTY, ADJOINING, Protection of	53.26		
PROPERTY LINE, Definition	51.01(104)		
PROSCENIUM	55.21, 55.22, 55.23		
PROTECTION AGAINST DECAY AND			
TERMITES	53.63		
PROTECTION OF VERTICAL SHAFTS			
51.03, 54.08, 55.09, 56.10, 57.08, 58.23(1), 58.25,			
58.61, 59.17, 60.34, 62.27			
PROTECTION OF WALL OPENINGS	51.047,		
51.048, 51.049			
PUBLIC BUILDING, Definition	51.01(104a)		
PUBLIC DRIVEWAYS, WALKWAYS, AND PARKING			
LOTS, Definition	63.05 (52)		

- REQUIRED, Definition 51.01(106)
- REQUIRED EXIT CORRIDOR
Definition 51.01(106a)
- RESCUE PLATFORMS 54.03, 57.05
- RESET, Definition 63.05 (57)
- RESIDENCES, One- and two-family exempt 50.04
(Also refer to Uniform Dwelling Code)
- RESIDENTIAL OCCUPANCIES: ch. ILHR 57
Allowable height and area 57.02
Construction 57.01
Fire alarms 57.17
Fire detection 57.16, 57.165
Fire protection 57.016, 57.15
Habitable rooms below grade 57.11
Isolation of hazards 57.14
Number, location, capacity and type of exit ... 57.03-57.10
Rowhouse 57.19
Sanitary facilities 57.12
Windows 57.13
- REST ROOMS (See SANITARY FACILITIES)
- RESTAURANTS ch. ILHR 54 or 55
- RESTRAINED SUPPORT, Definition 51.01(107)
- RETAINING WALL: 53.27, 53.34
Definition 51.01(108)
- RETROACTIVITY ... 50.02, 51.047(6), 56.03(2), 57.16,
57.165, 61.14, 61.26, 63.001
- RETURN (or EXHAUST OPENING)
Definition 51.01(109)
- REVOLVING DOORS 51.15
- RISERS, For stairways 51.16
- ROADWAY, Definition 51.01(110)
- ROOF, ROOF CONSTRUCTION:
Access to attic or roof 51.02, 51.20, 57.19
Anchorage 53.12
Coverings 51.02, 51.05
Definition 51.01(111)
Drainage 53.11
Fire-resistance ratings 51.043
Fire-resistive construction 51.03
Heavy timber 51.03(4)
Joists (See JOISTS)
Live loads 53.11
Mansard roofs 51.03
Materials, roofing 51.02, 51.05
Nailing schedule 53.63
Over stages 55.24
Parapets 51.02(12), 53.34
Scuttles 51.02(18)
Sheathing 53.61
Skylights 51.065
Thermal performance ... 63.12, 63.15 (4), 63.18 (1),
63.18 (2), 63.18 (3) (a)
Wind loads 53.12
Wood frame construction 53.60-53.63
- ROOF COVERING, Definition 51.01(112)
- ROOF COVERINGS 51.02, 51.05
- ROOM, Definition 51.01(114)
- ROOM, SPACE HEATERS 64.22
- ROOMING HOUSE ch. ILHR 57
- ROW HOUSE: ch. ILHR 57
Definition 51.01(114a)
General 57.19
- RUBBLE MASONRY 53.322
- S
- SAND:
Bearing soil capacity 53.21
Concrete 53.40
Mortar 53.12
- SANTARIUM, Occupancy ch. ILHR 58 subch. I
- SANITARY FACILITIES:
Assembly halls 55.32
Assembly seating facilities 62.79
CBRF's 61.17
Day care centers 60.15
Detention facilities 58.68
Educational facilities 56.16
Factory, office, mercantile 54.12
For physically disabled .. 52.04(4), 52.04(6), 52.04(8),
52.041, 52.042
Health care facilities 52.041, 52.042, 58.32
Garages, storage or repair 59.20
General requirements ... 52.50, 52.52, 52.53, 52.54,
52.55, 52.56, 52.57, 52.58, 52.59, 52.60, 52.61,
52.63, 56.64
Outdoor theaters 62.58
Residential facilities 57.12
Tents 62.48
- SCHOOLS ch. ILHR 56
- SCONCE, Definition 63.05 (58)
- SCOPE
Building envelope 63.10
Lighting 63.40
- SCOPE OF CODE 50.02
- SC_x 63.15 (2) (b), 63.18 (4)
Definition 63.05 (59)
- SCUTTLE 51.02(18), 57.19
- SEATS, SEATING:
Definition 62.10
Grandstands, bleachers, places of assembly ... 62.76
Physically disabled 52.04
Schools, auditoriums, gymnasiums 56.13, 56.14
Theaters, assembly halls 55.13
- SEMINARIES chs. ILHR 56/57
- SEPARATION:
Class of construction 51.02(20)
Occupancies 51.08
- SEPTIC TOILETS 52.62
- SERVICE STATIONS ch. ILHR 59

SERVICE WATER HEATING		SMOKE PIPES, SMOKESTACKS AND BREECHING	
Circulating systems	63.29 (2)	64.45, 64.46, 64.47, 64.48, 64.49, 64.50
Equipment efficiencies	63.20 (4), 63.20 (5)	SMOKEPROOF STAIR ENCLOSURE:	
Heat traps	Table 63.29-1	Detention facilities	58.51
Insulation	63.29 (2)	Health care facilities	58.09
Non-circulating systems	63.29 (2)	General requirements	51.17
SETBACK, Definition	51.01(115)	SOIL	53.20
SHADING COEFFICIENT	63.15 (2) (b)	SOLID FUEL EQUIPMENT:	
Definition	63.05 (59)	Definition	51.01(119c)
Manufacturer's literature	63.18 (4)	Health care facilities	58.24
SHAFT:		General requirements	64.20, 64.21, 64.22
Definition	51.01(116)	SPACE HEATERS	64.22(5)
Rated	51.02(11), 51.03	Definition	51.01(120)
SHALL, Definition	51.01 (117)	SPANDREL, Definition	51.01(120a)
SHELL BUILDINGS	63.05 (61), 63.15 (2) (b)	SPECIALTY EVENT CENTER	51.01(119g)
Definition	63.05 (60)	SPECIALTY OCCUPANCIES:	ch. ILHR 62
SHORING, Adjoining foundations	53.26	Assembly seating facilities ...	ch. ILHR 62 subch. V
SHUTTERS, FIRE	51.047, 64.42	Greenhouses	ch. ILHR 62 subch. VI
SIDEWALKS, HEATED	63.19	Open parking structures	ch. ILHR 62 subch. I
SIGNS:		Outdoor theaters	ch. ILHR 62 subch. IV
Barrier-free	52.04(3)52.04(10)	Pedestrian access structures ...	ch. ILHR 62 subch. VII
Capacity of occupancy	54.18, 55.06(4)	Television and radio antenna ...	ch. ILHR 62 subch. II
Clearance limitation	62.25	Tents	ch. ILHR 62 subch. III
Definition	51.01(118)	SPECIFICATIONS, Plan review	50.12(3), 50.12(4)
Exit signs	51.15(5)	SPECULATIVE BUILDINGS	63.15 (2) (b)
Floor loads	54.17	Definition	63.05 (61)
Toilet rooms	52.52	SPEED OF ACCESS (see PARITY)	
SIMPLE SUPPORT, Definition	51.01(119)	SPIRAL STAIRS	51.16, 54.03, 57.07
SIMULTANEOUS HEATING AND COOLING	63.27	SPRINKLERS:	
SINKS (See LAVATORIES)		Definition	51.01(7a)
SIZING, HVAC systems	63.23	Health care facilities	58.24, 58.25, 58.29
SKATING RINKS (Indoor)	ch. ILHR 54 or 55	High rise buildings	52.01
SKYLIGHTS	51.065, 63.12, A63.12	Housing for the elderly	57.016(2)
SKYWALKS	62.97	Low rise buildings	52.011, 52.012, 52.013
SLAB-ON-GRADE FLOORS	63.15 (5), 63.18 (3)	School basements	56.03
SLEEPING AREA:		Specifications	51.23
Definition	51.01(119a)	STABILITY	53.16
CBRF's	61.14	STADIUMS	ch. ILHR 62 subch. V
Residential occupancies	57.16	STAIRS AND STAIRWAYS:	
SMOKE BARRIER:		Curved	51.16(6)
Detention facilities	58.64	Design features	51.16
Health care facilities	58.27	Enclosure	51.02(11), 51.03, 54.08, 55.09, 57.08, 58.06, 58.50, 59.17, 60.23, 60.34, 61.12, 62.27
SMOKE CONTROL SYSTEM - ATRIUMS ...	52.07(3), 52.07(12)	Exterior	51.16, 51.20, 54.03
SMOKE DETECTION:		Fire escape	51.20
CBRF's	57.165, 61.14	Interior enclosed stairs	51.18
Educational facilities	56.03	Identification	51.165
Day care centers	60.25	Spiral	51.16(7), 54.03, 57.07
General requirements	51.245	Smokeproof tower	51.17, 58.09, 58.51
Residential facilities	57.16	STANDARDS AND SPECIFICATIONS ADOPTED	51.25
SMOKE DETECTOR, Definition	51.01(119b)	STANDPIPES:	
		Assembly halls	55.33(2)

Detention facilities	58.63(2)	TEMPERED AIR, Definition	51.01(128)
Educational facilities	56.20(2)	TEMPERED OUTSIDE AIR	
Factory, office, mercantile	54.15(2)	Definition	51.01(129)
Health care facilities	58.28	TEMPORARY BUILDINGS	
Garages, storage or repair	59.23	OR STRUCTURES	50.04
General requirements	51.21	TENTS	ch. ILHR 62 subch. III
Open parking structures	62.30	TERRACES, Definition	51.01(130)
Outdoor theaters	62.58	TESTING LABORATORIES	51.044
Residential facilities	57.15(2)	TESTS:	
STEAM PIPES AND HOT WATER PIPES	64.23	Diversified, foam plastic	51.01(3a)
STEEL CONSTRUCTION:		Fire alarm	51.24(5)
Aluminum	53.54	Fire doors	51.047(1)
Caissons	53.24	Fire windows	51.048(1)
Certification and identification	53.50	Fire-resistance ratings of assemblies	51.043
Fabrication	53.50	Heating equipment	64.20(1)
Fire-resistance ratings	51.043	THEATERS AND ASSEMBLY HALLS ... ch. ILHR 55	
Joists, open web construction	53.52	THERMAL BARRIER	51.06(3)
Marking	53.50	THERMAL BREAK, Definition	63.05 (65)
Metal frame protected construction	51.03(3)	THERMAL CONDUCTANCE, Definition ...	63.05 (66)
Metal frame unprotected construction	51.03(6)	THERMAL ENVELOPE PERFORMANCE	63.14
Piles	53.24	Component Standards	63.15
Reinforcing	53.316	System Standards	63.16
Stainless steel	53.55	Calculation Procedures	63.18
Structural steel	53.50	THERMAL MASS	63.15 (3)
Welding	53.53	THERMAL RESISTANCE, Definition	63.05 (67)
STEPS, Definition	51.01(120b)	THERMAL TRANSMITTANCE, Definition ..	63.05 (68)
STONE MASONRY	53.311, 53.322	THERMAL TRANSMITTANCE, OVERALL,	
STORAGE OF FLAMMABLES		Definition	63.05 (69)
(Refer to ch. ILHR 10)		THERMOSTAT, Definition	63.05 (70)
STORAGE GARAGE	ch. ILHR 59	THERMOSTAT CONTROLS	63.26
STORIES, NUMBER OF:		THERMOSTAT SETPOINT	63.26 (2)
Definition	51.01(121)	THROW DISTANCE, Definition	63.05 (71)
Determination	51.02(14)	TIMBER:	
STORY, Definition	51.01(122)	Glued-laminated structural	53.61
STOVES (See RANGES)		Type of construction	51.03(4)
STREET:		TIME CLOCKS	63.26 (3), 63.50 (4), 63.50 (6)
Definition	51.01(124)	TIRE SHOPS	ch. ILHR 59
Location	54.01, 55.04, 57.02, 59.12	TOE BOARDS	54.105
STRUCTURAL REQUIREMENTS	ch. ILHR 53	TOILET COMPARTMENTS:	
STRUCTURE, Definition	51.01(125)	Accessibility for physically disabled	52.04(8)
SUPERVISION	50.10	Floors	52.57
SUPPORT:		Sizes	52.59(2), 52.59(3)
Restrained, definition	51.01(107)	Walls and ceilings	52.58
Simple, Definition	51.01(119)	TOILET ROOMS	51.01(130g), 52.64, 58.66, 57.12
SUPPORT AREA, Definition	63.05 (62)	TOILETS:	
SYSTEMS STANDARDS METHOD	63.14, 63.16	Chemical	52.62
		Outdoor	52.63
T		TOWERS	ch. ILHR 62 subch. II
TANDEM WIRING	63.53	TOWNHOUSES, Definition	51.01(130a)
Definition	63.05 (63)		
TASK LIGHTS	63.45		
TASK ORIENTED LIGHTING, Definition ...	63.05 (64)		
TEMPERATURE, DESIGN	64.04, 64.05		

TRACK LIGHTING.....	63.45 (4)	Mechanical ventilation, definition.....	51.01(138)
TRASH COLLECTION ROOM:		Mechanical ventilation systems.....	64.06
Individual rooms.....	52.012	Natural ventilation systems.....	64.07
Recyclable materials, collection, separation and storage.....	52.24	Occupancy requirements.....	64.05(2)
TREADS, STAIRS.....	51.16	Tempered air.....	64.13
TREATED WOOD (Fire Retardant)		Tempered outside air.....	64.14
Definition.....	51.01(131)	VENTILATOR, GRAVITY SIPHON TYPE....	64.08(5)
TRIM.....	51.02(15), 51.07	VENTS:	
TRUSSES, WOOD.....	53.62	Chimney and connectors.....	64.50
TYPES OF CONSTRUCTION.....	51.03	Factory-built.....	64.48
U		Gas.....	64.49
U (See thermal transmittance)		General requirements.....	64.45
U _o (See thermal transmittance, overall)		Masonry.....	64.46
U-VALUE		Metal.....	64.47
Calculation methods.....	63.18	VERTICAL EXIT, Definition.....	51.01(139)
Doors.....	63.18 (2) (a) 3.	VERTICAL OPENINGS:	
Fenestration.....	63.18 (2) (b), 63.15 (2) (c)	Atriums.....	52.07
Floors over unconditioned space.....	63.15 (4), 63.18 (3) (b)	Protection.....	51.02(11)
Opaque assembly.....	63.18 (2) (a)	Ratings - types of construction.....	51.03
Opaque walls.....	63.15 (3), 63.18	VESTIBULE OPENINGS, Ventilation.....	64.07(2)
Parallel path correction factors.....	63.18 (2) (a)	VLT (See visible light transmittance)	
Roofs.....	63.18	VISIBLE LIGHT TRANSMITTANCE,	
Skylights.....	63.12	Definition.....	63.05 (75)
Zone method.....	63.18 (2) (a)	VIOLATIONS AND PENALTIES.....	50.26
UNCONDITIONED SPACE, Definition.....	63.05 (72)	VOLUME, Definition.....	51.01(139a)
UNDERPINNING.....	53.26	W	
UNIT HEATERS.....	64.21	WALL HEAT CAPACITY, Definition.....	63.05 (76)
Definition.....	51.01(133)	WALLS.....	63.18 (33), 63.18 (3) (c)
UNLISTED SPACE, Definition.....	63.05 (73)	WALLS ADJACENT TO UNCONDITIONED SPACE.....	63.15 (4)
UNIT POWER DENSITY.....	63.49 (1)	WALLS AND PARTITIONS:	
URINALS.....	52.59(1), 52.60(2)	Anchorage (See ANCHORAGE, ANCHORS)	
V		Assemblies, fire-resistance... 51.042, 51.043, 51.045	
VAPOR BARRIER.....	63.11 (4)	Exterior.....	51.02(4), 51.03
VARIABLE AIR VOLUME HVAC SYSTEM,		Fire division.....	51.02(13)
Definition.....	63.05 (74)	Foundation.....	53.322
VARIANCE.....	50.25	Glass block.....	51.048
VAV HVAC (See variable air volume HVAC system)		Masonry (See MASONRY CONSTRUCTION)	
VENEERED WALL:		Openings, fire protections... 51.047, 51.048, 51.049	
Anchorage masonry units.....	53.36	Parapets.....	51.02(12)
Definition.....	51.01(134)	WAREHOUSES:.....	ch. ILHR 54
VENTILATION:		Definition.....	51.01(153a)
Air-cleansing devices.....	64.16	Freezer warehouses.....	51.06(6), 54.01(2)
Air movement and distribution.....	64.15	Mini-storage buildings.....	62.995
Automatic controls.....	64.17	WARM-UP FACTORS.....	63.23 (7)
Combustion air.....	64.09	WASTE OIL BURNING EQUIPMENT.....	64.21
Contamination.....	64.18	WATER CLOSETS:	
Definition.....	51.01(136), 64.12(6)	Accessibility for physically disabled... 52.04(4), 52.04(6), 52.04(8)	
Exhaust ventilation systems.....	64.08	Enclosure.....	52.59
Gravity exhaust ventilation, definition... 51.01(137)		General requirements.....	52.60(1)
Location of intakes.....	64.19	WELDER, Certification.....	53.53
		WELDING.....	53.53

