

INDEX

A

ABSORPTION COOLING EQUIPMENT M1412

ACCESS

- To appliances M1305
- To attic R807
- To crawl space R408.4
- To equipment M1401.2
- To floor furnace M1408.4

ACCESSIBLE

- Definition R202
- Readily accessible, definition R202

ACCESSORY STRUCTURE

- Definition R202

ADDRESS (Site) R319

ADMINISTRATIVE Chapter 1

- Authority R104
- Entry R104.6
- Inspections R109
- Permits R105
- Purpose R101.3
- Violations R113

AIR

- Combustion Chapter 17, G2407
- Combustion air, definition R202
- Return M1602

ALLOWABLE SPANS

- Of floor joists R502.3, R505.3.2
- Of headers R602.7, R603.6, R613.10
- Of rafters and ceiling joists R802.4, R802.5, R804.3.1, R804.3.2

ALTERNATE MATERIALS (see MATERIALS) . . R104.11

ANCHOR BOLTS R403.1.6

APPEAL

- Board of R112.1
- Right of R112

APPLIANCE

- Access to M1305
- Attic M1305.1.3
- Clearance for M1306
- Connectors, fuel-gas Chapter 24
- Definition R202
- Equipment (general) Chapter 14
- Floor furnace M1408
- Flue area R1003.14
- Fuel-burning Chapter 24
- Heating and cooling Chapter 14
- Installation M1307
- Labeling M1303
- Open-top broiler units M1505.1
- Ranges M1901
- Room heaters M1410
- Special fuel-burning equipment Chapter 19
- Vented (decorative) Chapter 24
- Wall furnace M1409

- Warm-air furnace M1402
- Water heaters Chapter 20, Chapter 24

APPLICATION

- Plywood R703.3

APPROVAL M1302

APPROVED

- Definition R202

AREA

- Flue (appliances) R1003.14
- Flue masonry R1003.15

ASPHALT SHINGLES R905.2

ATTIC

- Access R807

AUTOMATIC FIRE SPRINKLER SYSTEMS R313

B

BACKFLOW, DRAINAGE

- Definition R202

BACKWATER VALVE R202

BASEMENT WALL

- Definition R202
- Insulation N1102.2.7

BATH AND SHOWER SPACES R307

BATHROOM

- Exhaust M1507.3
- Group R202

BEAM SUPPORTS R606.14

BEARING

- Of joists R502.6

BOILER

- Definition R202
- Requirements Chapter 20

BORED HOLES (see NOTCHING)

BUILDING

- Definition R202
- Drain, definition R202
- Existing, definition R202
- Sewer, definition R202

BUILDING OFFICIAL

- Definition R202
- Inspection and tests of
fuel-gas piping Chapter 24

BUILDING PLANNING

- Automatic fire sprinkler systems R313
- Carbon monoxide alarms R315
- Ceiling height R305
- Decay protection R317
- Design criteria R301
- Emergency escape R310
- Exterior wall R302.1
- Finishes R315
- Fire-resistant construction R302
- Foam plastic R316

Garages and carports R309
 Glazing R308
 Guardrails R312
 Handrails R311.7.7, R311.8.3
 Insulation R302.10
 Landing R311.4.3, R311.5.4, R311.6.2
 Light, ventilation and heating R303
 Means of egress R311
 Minimum room area R304
 Planning Chapter 3
 Plumbing fixture clearances R307
 Radon protection Appendix F
 Ramps R311.8
 Sanitation R306
 Site address R319
 Smoke alarms R314
 Stairways R311.7
 Storm shelters R323
 Termite protection R318

BUILDING THERMAL ENVELOPE
 Definition R202
 Requirements N1102

BUILT-UP GIRDERS (see GIRDERS)
BUILT-UP ROOFING (see ROOFING)

C

CAPACITY
 Expansion tank M2003.2

CARBON MONOXIDE ALARMS R315

CARPOR R309.4

CEILING
 Finishes R805
 Height R305

CENTRAL FURNACES (see FURNACES)

CHASES R606.7

CHIMNEYS
 And fireplaces Chapter 10
 Clearance R1003.18
 Corbeling R1003.5
 Crickets R1003.20
 Design (masonry) R1003.1
 Factory-built R1005
 Fireblocking R1003.19
 Flue area R1003.14, R1003.15
 Flue lining R1003.11
 Load R1003.8
 Masonry and factory built, size M1805
 Multiple flue R1003.14
 Spark arrestors R1003.9.1
 Termination R1003.9
 Wall thickness R1003.10

CLASS 2 CIRCUITS
 Class 2 remote-control, signaling
 and power-limited circuits Chapter 43

CLAY
 Tiles R905.3

CLEANOUT
 Definition R202
 Masonry chimney R1003.17

CLEARANCE
 Above cooking top M1901.1
 For appliances M1306.1
 For chimneys R1003.18
 Reduction methods M1306.2
 Vent connector R1803.3.4

CLOTHES DRYERS M1502, Chapter 24

COLUMNS R407

COMBUSTIBLE
 Materials R202

COMBUSTION AIR
 Air Chapter 17
 Definition R202
 Indoor M1702
 Supply M1701.1

COMMON VENT
 Definition R202

CONCRETE
 Compressive Strength R402.2
 Floors (on ground) R506
 Tile (roof) R905.3
 Weathering Figure R301.2(3), R402.2

CONNECTION
 For fuel-burning appliances Chapter 24
 For fuel-oil piping M2202

CONNECTOR
 Chimney and vent M1803
 Vent, definition R202

CONSTRUCTION
 Cavity wall masonry R608
 Flood-resistant R322
 Floors Chapter 5
 Footings R403
 Foundation material R402
 Foundation walls R404
 Foundations Chapter 4
 Grouted masonry R609
 Masonry R606, R607,
 R608, R609, R610
 Reinforced hollow unit masonry R609.4
 Roofs Chapter 8
 Steel framing R505, R603, R804
 Wood framing R502, R602, R802
 Walls Chapter 6

CONTINUOUS WASTE
 Definition R202

CONTROL
 Devices Chapter 24

CONTROLS
 For forced-air furnaces Chapter 24

COOLING
 Absorption cooling equipment M1412
 Access to equipment M1401.2

Evaporative cooling equipment M1413
 Installation M1401.1
 Refrigeration cooling equipment M1404
 Return air-supply source M1602
 Screen inlet protection M1602.3

COURT
 Definition R202

COVERING
 Exterior R703
 Interior R702
 Roof Chapter 9
 Wall Chapter 7

CRAWL SPACE R408, N1102.2.9

CRITERIA
 Design R301

CROSS CONNECTION
 Definition R202

D

DAMPER, VOLUME
 Definition R202

DECAY
 Protection against R317

DECK
 Supported by exterior wall R502.2.2
 Wood/plastic composite
 boards R502.1.7, R502.2.2.4

DECORATIVE APPLIANCES
 Vented Chapter 24

DEFINITIONS
 Building R202
 Mechanical system R202
 Plumbing R202

DESIGN
 Criteria R301

DOORS
 Exit R311.4.1
 Exterior R612

DRAFT HOOD
 Definition R202

DRAFTSTOPPING R302.12, R502.12

DRAINAGE FOUNDATION R405

DRILLING AND NOTCHING (see NOTCHING)

DRYERS
 Domestic clothes M1502

DUCTS Chapter 16
 Installation M1601.4
 Insulation N1103.2, M1601.3
 Material M1601.1
 System, definition R202

DWELLING
 Definition R202

DWELLING UNIT
 Definition R202
 Separation R302.2, R302.3

E

ELECTRICAL
 Appliance (labeling) M1303

ELECTRICAL RESISTANCE HEATERS
 Baseboard convectors M1405
 Duct heaters M1407
 Radiant heating M1406

EMERGENCY ESCAPE R202, R310

ENERGY CONSERVATION Chapter 11

ENTRY R104.6

EQUIPMENT
 General, mechanical Chapter 14
 Heating and cooling Chapter 14

EXCAVATIONS
 For appliance installation M1305.1.4.2

EXTERIOR
 Covering R703
 Insulation finish systems R703.9
 Lath R703.6.1
 Plaster R703.6

EXTERIOR WALL
 Definition R202
 Thermal performance N1102

F

FACTORY BUILT
 Chimneys R1005, M1805
 Fireplace stoves R1005.3
 Fireplaces R1004

FASTENING Table R602.3(1)

FENESTRATION
 Definition R202
 U-factor and SHGC rating N1101.5
 U-factor and SHGC requirements N1102.3

FINISHES
 Flame spread and smoke density R315
 For ceilings R805
 Interior R315, R702

FIRE BLOCKING
 Barrier between stories R302.11, R602.8
 Chimney R1003.19
 Fireplace R1001.12

FIRE-RESISTANT CONSTRUCTION R302

FIREPLACES Chapter 10
 Clearance R1001.11
 Corbeling R1001.8
 Factory-built R1004
 Fire blocking R1001.12
 Walls R1001.5

FIXTURE UNIT
 Drainage, definition R202
 Water supply, definition R202

FIXTURES
 Plumbing fixture, definition R202

FLAME SPREAD INDEX R302.9, R302.10

FLASHING R703.7.5, R703.8, R903.2, R905
FLOOR FURNACE M1408
FLOORS
 Concrete (on ground) R506
 Steel framing R505
 Treated-wood (on ground) R504
 Wood framing R502
FLUE
 Area R1003.14, R1003.15
 Lining R1003.11, R1003.12
 Multiple R1003.13
FOAM PLASTICS R316
FOOTINGS R403
FOUNDATIONS Chapter 4
 Cripple walls R602.9, R602.10.9, R602.11.2
 Frost protection R403.1.4.1
 Inspection R109.1.1
 Walls R404
FRAME
 Inspection R109.1.4
FUEL-BURNING APPLIANCES
 (see **APPLIANCE**, definition)
 Identification Chapter 24
FUEL-GAS Chapter 24
FUEL-OIL
 Oil tanks M2201
 Piping, fittings and connections M2202
 Pumps and valves M2204
FURNACES
 Clearance of warm-air furnaces M1402.2
 Exterior M1401.4
 Floor (see Floor Furnace)
 Wall (see Wall Furnace)
 Warm-air M1402, Chapter 24

G

GARAGES R309
GAS
 Appliance labeling Chapter 24
**GAS PIPING SYSTEM NOT TO BE
 USED AS GROUNDING ELECTRODE** . . . Chapter 24
GIRDERS R502.5
GLAZING R308
 Aggregate R303.1
 Protection of openings R301.2.1.2
GRADE
 Definition R202
 Of lumber R502.1, R602.1, R802.1
 Plane, definition R202
 Slope of piping, definition R202
GRAY WATER Appendix O
GROUND
 Floors (on ground) R504, R506
GROUND SOURCE HEAT PUMP M2105
GROUTED MASONRY (see MASONRY) R609
 Reinforced R609.3

GUARDS R312
 Definition R202
GYPSUM
 Wallboard R702.3

H

HABITABLE SPACE
 Definition R202
HALLWAYS R311.6
HANDRAILS R311.7.7, R311.8.3
 Definition R202
HEADERS
 SIP R613.10
 Steel R603.6
 Wood R602.7
HEARTH R1001.9
 Extension R1001.9, R1001.10
HEATERS
 Baseboard M1405
 Central furnaces M1402
 Duct M1407
 Heat pumps M1403
 Masonry R1002
 Pool M2006, Chapter 24
 Radiant M1406
 Sauna Chapter 24
 Unvented G2445
 Vented room M1410, Chapter 24
 Water Chapter 20
HEATING R303.8
HEATING EQUIPMENT Chapter 14
HEIGHT
 Ceiling R305
HOLLOW-UNIT MASONRY
 (see **MASONRY**) R607.2.2.2, R608.1.1.2
 Reinforced R609.4
HORIZONTAL
 Pipe, definition R202
 Vent length M1803.3.2
HOT TUBS Appendix G
HOT WATER
 Circulating hot water piping insulation N1103.4
 Definition R202
 Heaters M2005, Chapter 24
**HYDROGEN GENERATING
 AND REFUELING** M1307.4
HYDRONIC HEATING SYSTEMS
 Baseboard convectors M2102
 Boilers M2001
 Expansion tanks M2003
 Floor heating systems M2103
 Operating and safety controls M2002
 Piping systems installation M2101
 Water heaters M2005

I

- INDIVIDUAL**
- Sewage disposal systems R202
- INLET**
- To masonry chimneys R1003.16
- INSPECTION**
- Fuel-supply system Chapter 24
- On site R109.1
- INSTALLATION**
- Existing Appendix J
- Of appliances M1307
- Of cooling and heating equipment M1401.1
- Of ducts M1601.4
- Of flue liners R1003.12
- Of wall furnaces M1409.3
- INSULATION** R302.10
- R*-value requirements Chapter 11
- INTERIOR**
- Lath R702.2.3
- Other finishes R702.5
- Plaster R702.2
- Wall covering Chapter 7

J

- JOIST**
- Bearing R502.6, R606.14.1

K

- KITCHEN**
- Definition R202

L

- L VENT TERMINATION** M1804.2.4
- LABELED**
- Definition R202
- Fenestration N1101.5, N1102.4.4
- LABELING**
- Appliances M1303
- Definition R202
- LANDINGS** R311.3, R311.7.1, R311.7.5, R311.8.2
- LATERAL SUPPORT** R502.7, R606.9, R610.5.2
- LATH**
- Exterior R703.6.1
- Interior R702.2.3
- LAVATORIES**
- Clearances R307
- LIABILITY** R104.8
- LIGHT, VENTILATION AND HEATING** R303
- LINING**
- Flue R1003.11, R1003.12
- LINTEL** R606.10, R611.8, R703.7.3, R1001.7

LISTED and LISTING

- Definition applied to building and mechanical provisions R202
- Mechanical appliances M1302.1

LOAD

- Additional R1003.8
- Roof R301.6
- Seismic risk map Figure R301.2(2)
- Snow load map Figure R301.2(5)
- Wind speed map Figure R301.2(4)

LOADS

- Dead load R301.4
- Horizontal load AE602.1
- Live load R301.5

LOADS, LIVE AND DEAD

- Definition R202

LOCATION

- Of furnaces M1408.3, M1409.2

LUMBER

- Grade R502.1, R602.1, R802.1

M

MANUFACTURED HOME

- Definition R202
- Provisions Appendix E

MASONRY

- Anchorage R606.11
- Cavity wall R608
- Chases R606.7
- General R606
- Grouted R609
- Hollow unit R202, R607.2.2.2, R608.1.1.2
- Inspection R109.1.4
- Reinforced grouted R609.3
- Reinforced hollow unit R609.4
- Seismic requirements R606.12
- Solid, definition R202
- Veneer R703.7
- Veneer attachment R703.4

MATERIALS

- Alternate R104.11
- Combustible R202, R1003.18, R1003.19 R1001.11, R1001.12
- For ducts M1601
- For flue liners R1003.11
- For fuel-supply systems Chapter 24
- For hearth extension R1001.9
- For siding R703.3
- Hydronic pipe M2101, M2103, M2104

MECHANICAL

- Inspection R109.1.2
- System requirements Chapter 13
- Ventilation dampers N1103.5

MEDIUM PRESSURE FUEL-GAS

- PIPING SYSTEM** Chapter 24

MEMBRANE

- Penetration R302.4.2

INDEX

Polyethylene R504.2.2, R506.2.3
Water proofing R406.2
Water-resistive R703.2

METAL

Ducts Chapter 16
Roof panels R905.10
Roof shingles R905.4

METHODS

Water distribution pipe sizing Appendix P

MODIFICATIONS R104.10

MOISTURE CONTROL R601.3

MORTAR

Joints R607.2.1.1

MULTIPLE

Appliance venting systems M1801.11
Flues R1003.13

N

NONCOMBUSTIBLE MATERIAL

Definition R202

NOTCHING

For mechanical systems M1308
Steel joists R505.2.5, R505.3.5,
R804.2.5, R804.3.4
Steel studs R603.2.5, R603.3.4
Wood joists R502.8, R802.7.1
Wood studs R602.6
Wood top plates R602.6.1

O

OCCUPIED SPACE

Definition R202

OIL

Piping and connections M2202
Supply pumps and valves M2204
Tanks M2201

OPEN-TOP GAS BROILER UNITS M1505.1

OPENING

Requirements,
combustion air Chapters 17 and 24
Waterproofing of piping penetrations P2606.1

OUTLET

Definition Chapter 24

P

PARAPETS R317.2.2, R606.2.4

PARTICLEBOARD

Floor R503.3
Walls R605

PERMITS R105

PIERS R606.6

PIPE

Insulation N1103.3, N1103.4
Materials listing Table M2101.1

PIPING

Connections and materials Table M2101.1
Fuel-gas size determination Chapter 24
Support Chapter 24, M2101.9

PLANNING

Building Chapter 3

PLANS R106

PLASTER

Exterior R703.6
Interior R702.2

PLENUM

Definition R202

PLUMBING

Fixture clearances R307
Inspection R109.1.2
Requirements and definitions R202
System, definition R202

PLYWOOD

Application R703.3
Materials, walls R604

POTABLE WATER

Definition R202

PRECAST CONCRETE

Footings R403.4
Foundation material R402.3.1
Foundation walls R404.5

PRIVATE

Sewage disposal system Appendix I

PROHIBITED

Return air sources M1602.2

PROTECTION

Against decay and termites R319, R320
Against radon Appendix F
Of ferrous gas piping Chapter 24

PURLINS R802.5.1

PURPOSE R101.3

R

R-VALUE

Computation N1102.1.1
Definition R202

RADON

Map Appendix F

RAFTERS

Grade of lumber R802.1
Spans R802.5,
Tables R802.5.1(1) – R802.5.1(8)

RAMPS R311.8

RANGES AND OVENS

Vertical clearance above cooking top M1901.1

READILY ACCESSIBLE

Definition R202

RECESSED LUMINAIRES

Sealed N1102.4.5

REQUIREMENTS

- Connections for fuel-burning appliances Chapter 24
- Return air M1602.1

RESISTANT SIDING MATERIAL (see MATERIALS)

RETURN-AIR LIMITATION M1602.2

RIDGE BOARD R802.3

ROOF

- Coverings R905
- Drainage R903.4
- Flashing R703.8, R903.2, R905
- Steel framing R804
- Wood framing R802

ROOF-CEILING CONSTRUCTION

(see **CONSTRUCTION**) Chapter 8

- Insulation N1102.2
- Wind uplift R802.11, R804.3.9

ROOFING

- Built-up R905.9
- Liquid-applied coating R905.15
- Modified bitumen R905.11
- Sprayed polyurethane foam R905.14
- Thermoplastic single-ply R905.13
- Thermoset single-ply R905.12

ROOM

- Heaters, vented M1410
- Minimum Sizes R304

S

SANITATION R306

SEISMIC RISK MAP Figure R301.2(2)

SEPTIC TANK

Definition R202

SEWER, BUILDING

Definition R202

SHAKES

Wood R702.6, R703.5, R905.8

SHINGLE

- Asphalt shingles R905.2
- Metal R905.4
- Slate R905.6
- Wood R905.7

SHOWER

Compartment R307.2

SHUTOFF VALVE (see VALVES)

SIDING

Exterior coverings R703

SITE

- Address R319
- Preparation R408.5, R504.2, R506.2

SIZE

- Of combustion air openings Chapter 17
- Of rooms R304

SKYLIGHTS R308.6, N1102.3.5, N1102.4

SLATE SHINGLES R905.6

SMOKE ALARMS R314

SMOKE-DEVELOPED INDEX R302.9, R302.10

SNOW LOAD MAP R301.2(5)

SOLAR ENERGY SYSTEMS M2301

SOLAR HEAT GAIN

COEFFICIENT (SHGC) N1101.5, N1101.9, N1102.3

SPANS

- Steel (allowable) R505.3.2, R804.3.2.1
- Wood (allowable) R502.3, R802.5

STACK BOND R606.8

STAIRWAYS R311.7

STANDARDS Chapter 44, Appendix G

STEEL

- Fireplace units R1001.5.1
- Floor construction R505
- Roof-ceiling construction R804
- Walls R603

STORM SHELTERS R323

STORY

Definition R202

STOVES

Factory-built fireplace M1414

STRUCTURAL INSULATED PANEL (SIP) R613

STUDS

- Wood R602.2, R602.3
- Spacing R602.3.1
- Steel R603.2, R603.3

SUPPLY

- Combustion air Chapters 17 and 24
- Fuel systems Chapter 24
- Oil supply pumps and valves M2204
- Required gas Chapter 24
- Return air M1602

SUPPORT

- Of decks R502.2.2
- Of ducts M1601.4.3
- Of floor joists R502.6, R505.3.2
- Of masonry chimneys R1003.2, R1003.3, R1003.4
- Of pipe M2101.9, Chapter 24

SWIMMING POOLS Chapter 42, Appendix G

SYSTEMS

Mechanical venting Chapters 18 and 24

T

TANK

- For fuel oil-burning appliances M2201
- Septic, definition R202

TEMPERATURE ISOLINES Figure R301.2(1)

TERMINATION

- Of chimneys R1003.9
- Of vents (general) M1804.2

TERMITES

- Infestation probability map Figure R301.2(6)
- Protection R318

TEST

For leaks in supply piping Chapter 24

THERMAL ISOLATION R202, N1102.2.11,
N1102.3.5

THICKNESS

Of chimney walls R1003.10

TIES

Veneer R703.7.4

TILE

Shingles (clay and concrete) R905.3

TOWNHOUSE

Definition R202

Scope R101.2

Separation R302.2

TRAP

Arm, definition R202

TRUSSES

Steel R505.1.3, R804.3.7

Wood R502.11, R802.10

TYPE OF VENTING

SYSTEMS REQUIRED Chapters 18 and 24

U**U-FACTOR**

Alternative N1102.1.2

Definition R202

UNDER FLOOR

Access to furnaces M1305.1.4

Plenums M1601.5

Space R408

UNDERGROUND INSTALLATION**REQUIREMENTS**

Duct systems M1601.1.2

UNVENTED ATTIC ASSEMBLIES R806.4

V**VALVES**

Meter Chapter 24

Oil-supply M2204

Shutoff, fuel-gas Chapter 24

Shutoff, fuel oil M2204.2

VAPOR RETARDERS R601.3, N1102.2.9

Definition R202

VENEER

Masonry R703.7

VENT

B or BW vent Chapter 24

Definition Chapter 24

L vent M1804.2.4, Chapter 24

Plumbing system, definition R202

Termination M1804.2, M2203.5

VENTED

Decorative appliances Chapter 24

Floor furnaces M1408

Room heaters M1410

Wall furnaces M1409

VENTILATION

Bathroom and kitchen M1507

For hydrogen systems M1307.4

Roof R806

Under floor R408.1

VENTING (Mechanical)

Chimney and vent connectors M1803

Components M1802

General M1801

Required M1801, M2203.4

Systems Chapter 18

VERTICAL

Clearances above cooking top M1901.1

Pipe, definition R202

VIOLATIONS

And penalties R113

W**WALL FURNACE (see APPLIANCE)**

General M1409.1

Installation M1409.3

Location M1409.2

WALLBOARD

Gypsum R702.3

WALLS

Bracing, steel R603.9

Bracing, wood R602.10

Construction Chapter 6

Covering Chapter 7

Cripple R602.9

Deflection R301.7

Exterior covering R703

Finishes R315, R702

Fireplace R1001.5

Foundation R404

Insulating concrete form R611.3,

R611.4, R611.5.3

Mass N1102.2.4

Steel framing R603

Structural insulated panels (SIP) R613

Thickness, masonry chimneys R1003.10

Wood framing R602

WARM-AIR FURNACES M1402

Access to M1401.2

Clearance from M1402.2

WASTE

Continuous, definition R202

WATER

Distribution system, definition R202

Heater, definition R202

Heaters Chapters 20 and 24

Supply system, definition R202

WATER CLOSET R306.1

WATERPROOFING

And dampproofing R406

WIND SPEED MAP Figure R301.2(4)

WINDOWR612
 Fall prevention devices R612.3
 Opening limiting devices R612.4

WOOD
 Floor construction R502
 Foundation walls R404.2
 Roof-ceiling construction R802
 Shakes R905.8
 Shingles R905.7
 Trusses R502.11, R802.10
 Walls R602

Y

YARD
 Definition R202

