

INDEX

A

ADMINISTRATION AND ENFORCEMENT . . . Chapter 1	
AIR	
Combustion Chapter 7	
Distribution systems Chapter 6	
Filters 605	
Transfer 403.2.2	
Supply Chapter 4	
Ventilation Chapter 4	
ALTERNATIVE MATERIAL 105.2	
AMMONIA 1105.8, 1106.3	
APPEAL 109	
APPLIANCES	
Access 306	
Hazardous location 303.2	
Installation Chapters 3, 9	
Outdoors 303.6	
Prohibited locations 303	
APPLICABILITY OF CODE 102	
APPROVAL 105	
ATTIC VENTILATION 406	
AUTOMATIC DAMPERS 803.6	
AUTOMATIC FIRE SUPPRESSION, KITCHEN EXHAUST 509	

B

BARBECUE APPLIANCES 906	
BATHROOM VENTILATION 402, 403	
BLOWOFF VALVE, STEAM 1008	
BOILERS	
Approval 1004.1	
Controls 1006	
Gauges 1010	
General 1001	
Low-water cutoff 1007	
Rooms 304.7, 1004.6	
Tests 1011	
BURNER, CONVERSION 919	

C

CANOPY HOODS 507.12, 507.13	
CEILING DAMPERS 607	
CHILLED WATER PIPING Chapter 12	
CHIMNEYS AND VENTS	
Connectors 803	
Dampers 803.5, 803.6	
Direct Vents 804.1	
Exhausters 804.3	

Existing 801.18	
Factory built 802, 805	
General 801	
Masonry, general 801	
Vents 802	

CLEANOUTS	
Kitchen exhaust 506.3.9, 506.3.10	
Masonry chimneys 801.13	

CLEARANCES	
Appliance in garages 304.5, 304.6	
Chimney and vent 801.18.4	
Connectors 803.10.6	
Kitchen exhaust 506.3.6, 507.9	
Reduction 308	
Specific appliances Chapter 9	

CLOTHES DRYER	
Appliance 913	
Exhaust 504	

COAL-BURNING APPLIANCES Chapter 9	
--	--

CODE OFFICIAL 103, 104, 202	
--	--

COLLECTORS, SOLAR 1402.4, 1404.1	
---	--

COMBUSTIBLE LIQUID STORAGE TANK 1301	
---	--

COMBUSTIBLES, REDUCED CLEARANCE 308	
--	--

COMBUSTION AIR Chapter 7	
---	--

COMMERCIAL KITCHEN EXHAUST 506	
---	--

Hoods 507	
---------------------	--

CONDENSATE DISPOSAL 307	
--	--

CONDENSATION	
Ducts 603.12	
Piping 1107.3	

CONNECTORS, CHIMNEY OR VENT 803	
--	--

CONTAMINANTS, VENTILATION AIR . 401.4.1, 401.6	
---	--

CONVERSION BURNERS 919	
---	--

CONVEYOR SYSTEMS 511	
---------------------------------------	--

COOKING APPLIANCES 917	
---	--

COOLING TOWERS 908	
-------------------------------------	--

COOLING WATER PIPING Chapter 12	
--	--

COVERING, DUCT 604.3	
---------------------------------------	--

CRAWL SPACE PLENUMS 602	
--	--

CRAWL SPACE, VENTILATION 406	
---	--

CREMATORIES 907	
----------------------------------	--

CUTTING, NOTCHING, BORING 302	
--	--

D

DAMPERS	
Chimney or vent 803.5, 803.6	
Combustion air 709	
Fire 607	
Smoke 607	

DEFINITIONS Chapter 2

DETECTORS, DUCT 606

DOCUMENTS 106.3.1

DRYER, CLOTHES

 Exhaust 504

 General 913

DUCT

 Combustion air 708

 Construction 603

 Covering 604.3

 Detectors, smoke 606

 Enclosure 506.3.10, 510.4

 Exhaust 501.4

 Fire damper 607

 Flexible 603.6

 Furnace 918

 Hangers and supports 603.10

 Hazardous exhaust 510

 Installation 603

 Insulation 604

 Joints 603.9

 Kitchen exhaust 506

 Lining 604.3

 Plastic 603.8.3

 Sizing 603.2

 Smoke damper 607

 Systems Chapter 6

 Underground 603.8

DUST, STOCK AND REFUSE CONVEYOR SYSTEMS 511

E

ELECTRIC INSTALLATION 301.7

ENERGY EFFICIENCY 301.2

ENERGY RECOVERY SYSTEMS 514

ENGINE/TURBINE EQUIPMENT 915

EQUIPMENT ACCESS 306

EQUIPMENT IDENTIFICATION 304.11

EXHAUST, REQUIRED SYSTEMS 502

 Clothes dryer 504

 Discharge 501.2

 Ducts 501.4

 Kitchen 505, 506, 507

 Machinery room 1105, 1106

 Mechanical 403, Chapter 5

 Openings 401.4, 401.5

 System, hazardous 510

EXHAUSTER 804

EXISTING SYSTEMS 102.2

EXPLOSION VENTING 310

F

FACTORY BUILT

 Barbecue appliance 906

 Chimneys 805

 Commercial exhaust hoods 507.1

 Ducts (kitchen exhaust) 506.3.1.1, 506.3.2, 506.3.6

 Fireplaces 903

FANS, EXHAUST 503, 506.5.1

FILTERS, AIR 605

FILTERS, GREASE 507.11

FIRE DAMPERS 607

FIRE SUPPRESSION

 Hazardous exhaust 510.7

 Kitchen exhaust 509

FIREPLACES

 Factory built 903

 Masonry 902.1

FIREPLACE STOVE 905

FLEXIBLE CONNECTORS (DUCT) 603.6, 607.7

FLEXIBLE CONNECTORS, HYDRONIC 1202.7

FLEXIBLE DUCTS 603.6, 607.7

FLOOD HAZARD 301.13, 401.4.3, 602.4, 603.13

FLOOR FURNACE 910

FLUE LINERS 801.16, 801.18.2

FUEL CELLS 924

FUEL, CONVERSION 301.9

FUEL OIL

 Piping Chapter 13

 Piping installation 1305

 Piping material 1302

FURNACE, FORCED-AIR 918

FURNACE ROOM 304.7

G

GAUGES, BOILERS 1010

GREASE 506, 507

GREASE FILTERS 507.11

GUARDS 304.10

H

HANGERS, PIPE 305

HAZARDOUS EXHAUST SYSTEM 510

HAZARDOUS LOCATION, EQUIPMENT 304.3, 901.3

HAZARDOUS LOCATION, INSTALLATION 304.3

HEATER Chapter 9

HEAT PUMP 918.3

HOOD DESIGN (KITCHEN) 507

HOOD, EXHAUST 505, 506, 507, 510.5.3

HOT WATER BOILERS Chapter 10

HOT WATER PIPING Chapter 12

HYDROGEN GENERATION AND REFUELING 304.4, 926

HYDRONIC PIPING Chapter 12

I		O	
INCINERATORS.....	907	OIL, FUEL PIPING.....	Chapter 13
INSIDE AIR, COMBUSTION.....	Chapter 7	OPENINGS.....	
INSPECTION.....	107	Combustion air.....	Chapter 7
INSULATION.....		Outside.....	401.4, 401.5
Duct.....	604	OUTDOOR AIR, COMBUSTION.....	Chapter 7
Pipe.....	1204	OUTDOOR INSTALLATION.....	303.6
J		OUTSIDE AIR, MINIMUM.....	403
JOINTS.....		P	
Connectors.....	803.10.1	PELLET FUEL-BURNING APPLIANCES.....	904
Duct.....	506.3.2, 510.8.1, 603.9	PENETRATIONS.....	302.2, 607
Piping.....	1003.2, 1107.5, 1203, 1303	PERMITS.....	106
K		PIPE.....	
KEROSENE STOVE.....	922	Insulation.....	1107.3, 1204
KILNS.....	923	Support.....	305
KITCHEN EXHAUST EQUIPMENT.....	Chapter 5	PIPING.....	
L		Fuel oil.....	Chapter 13
LABELING.....		Material, fuel oil.....	1302
Criteria for.....	301.4, 301.5, 301.6	Material, hydronic.....	1202
LINER, FLUE.....	801.16	Refrigerant.....	1107
LINING, DUCT.....	604.3	Support.....	305
LISTING.....	301.4	PLENUMS.....	602
LOAD CALCULATIONS, HEATING AND		PLUMBING.....	301.8
COOLING.....	312	POOL/SPA HEATER.....	916
LOCATION, EQUIPMENT AND APPLIANCE.....	303	POWER EXHAUSTER.....	804
LOW-WATER CUTOFF, BOILER.....	1007	PRESSURE GAUGE.....	1010
M		PRESSURE VESSEL.....	1003
MACHINERY ROOMS.....	1104.2, 1105, 1106	R	
MAINTENANCE.....	102.3	RADIANT HEATER.....	912
MAKEUP AIR, EXHAUST.....	508, 510.5.5	RANGE HOODS.....	Chapter 5
MAKEUP WATER.....	908.5, 1005.2, 1206.3, 1207.2	REDUCED, CLEARANCE.....	308
MASONRY CHIMNEYS.....	Chapter 8	REFRIGERANT PIPING.....	1107
MASONRY FIREPLACE.....	902	REFRIGERANT, QUANTITY.....	1104
MECHANICAL EXHAUST/DRAFT.....	804	REFRIGERATION, MECHANICAL.....	Chapter 11
MECHANICAL OFFICIAL (see CODE OFFICIAL)		REGISTERS.....	603.17
MECHANICAL REFRIGERATION.....	Chapter 11	RELIEF VALVES, FUEL OIL.....	1307
MECHANICAL VENTILATION.....	304.4.2, 403	RELIEF VALVES, PRESSURE VESSELS.....	1006
MOTORS.....	503, 506.5.1.1	RELIEF VALVES, SOLAR.....	1402.5.1
MOVED STRUCTURE.....	102.7	REPAIRS.....	102.4
N		ROOM HEATERS, SOLID FUEL.....	904, 905, 921
NATURAL VENTILATION.....	304.4.1, 402	S	
NONCANOPY HOODS.....	507.14	SAFETY VALVE.....	1006
O		SAUNA HEATER.....	914
I		SCOPE OF CODE.....	101.2
J		SEISMIC.....	301.15
K		SIGHT GLASS.....	1010
L		SMOKE CONTROL.....	513
M		SMOKE DAMPERS.....	607
N			

SMOKE DETECTORS 606
SMOKE AND HEAT VENTS 311
SOLAR Chapter 14
SOLID FUEL-BURNING APPLIANCES Chapter 9
STANDARDS, REFERENCED 102.8, Chapter 15
STEAM
 Blowoff 1008
 Boilers Chapter 10
 Gauge 1010
 Piping Chapters 10, 12
SUBSLAB SOIL EXHAUST SYSTEM 512
SUPPORTS, DUCT 603.10
SUPPORTS, PIPING 305
SUPPRESSION
 Hazardous exhaust 510.7
 Kitchen exhaust 509

T

TANKS, EXPANSION 1009, 1402.5.4
TANKS, FLAMMABLE AND COMBUSTIBLE LIQUIDS Chapter 13
TEMPERATURE GAUGE 1010
TEMPERATURE CONTROL 309.1
TEMPERATURE RELIEF, SOLAR 1402.4
TESTS,
 Boiler/pressure vessel 1011
 Fuel oil piping 1308
 Hydronic piping 1208, 1209.2
 Kitchen exhaust 507.16
 Refrigeration 1108, 1109
THERMAL STORAGE, SOLAR 1404.2
TOILET ROOM VENTILATION 402.1, Table 403.3
TRANSFER FLUID
 Hydronic piping 1207
 Solar 1403

U

UNDERGROUND STORAGE TANKS Chapter 13
UNIT HEATER 920
UNSAFE CONDITIONS 108.7
UNVENTED GAS LOG HEATERS 903.3

V

VALVES
 Boilers 1005, 1008
 Fuel oil 1307
 Hydronic 1205
 Safety and relief 1006
 Stop 1107.7
VAPOR RETARDER 604.11
VENTILATION
 Air Chapter 4
 Energy recovery systems 514

Machinery room 1105, 1106
 Mechanical 304.4.2, 403
 Natural 304.4.1, 402
 Openings 401.4, 401.5
 Rate 403.3
 Recirculation 403.2.1
 Transfer 403.2.2
 Uninhabited spaces 406

VENTS

Connectors 803
 Direct 804
 Explosion 310
 General 802, Chapter 8
 Height 802.6
 Smoke and Heat 311
 Termination 802

VIBRATION CONTROL DEVICES 301.10
VIOLATIONS 108

W

WALL FURNACE 909
WATER HEATERS 1002
WATER PIPING Chapter 12
WIND RESISTANCE 301.12
WOOD-BURNING APPLIANCES Chapter 9

EDITORIAL CHANGES – SECOND PRINTING

Page 19, 301.4: Exception, line 1 now reads . . . Listing and labeling of appliances used for

Page 23, Table 403.3: column 1, row 3, Smoking lounges now reads . . . Smoking lounges^{b,g}

Page 33, 501.2.1: item 4, line 3 now reads . . . for dust, stock and conveying systems, see Section

Page 42, 506.3.3.1: the section is renumbered 506.3.2.5 and relocated following Section 506.3.2.4.

Page 42, 506.3.3: second paragraph is deleted.

Page 56, 602.2.1.5.2: third line now reads . . . dance with Section 2603.9 of the *International Build*

Page 57, 603.6: last line now reads . . . Sections 603.6.2 through 603.6.4.

Page 61, 607.5.2: line 6 now reads . . . 1020.1.2 and 1021.5, respectively, of the *International*

Page 62, 607.6.1: line 9 now reads . . . openings, see Exception 7 to Section 707.2 of the *Interna-*

Page 63, 607.6.2.1: item 2, line 2 now reads . . . accordance with Section 712.4.1.2 of the *Interna-*

