

Part M – The IMC, as Modified by Chapter Comm 64

TABLE OF CONTENTS

CHAPTER 1 ADMINISTRATION M-1

Section

- Comm 64 Subchapter 1
 - Purpose, Scope, Application, and Compliance .. M-1
- Comm 64 Subchapter 2
 - Changes, Additions or Omissions to the International Mechanical Code (IMC) M-1
- 102 Applicability M-2
- 108 Violations M-2

CHAPTER 2 DEFINITIONS..... M-3R

Section

- 201 General..... M-3R
- 202 General Definitions M-3R

CHAPTER 3 GENERAL REGULATIONS.... M-13R

Section

- 301 General..... M-13R
- 302 Protection of Structure M-14
- 303 Equipment and Appliance Location M-14
- 304 Installation M-15
- 305 Piping Support M-16
- 306 Access and Service Space M-16
- 307 Condensate Disposal M-17
- 308 Clearance Reduction..... M-18
- 309 Temperature Control M-19R
- 310 Explosion Venting M-19R
- 311 Smoke and Heat Vents M-20
- 312 Heating and Cooling Load Calculations M-20

CHAPTER 4 VENTILATION..... M-21R

Section

- 401 General..... M-21R
- 402 Natural Ventilation..... M-22R
- 403 Mechanical Ventilation M-22R
- 404 Enclosed Parking Garages M-26aR
- 405 Systems Control M-26aR
- 406 Ventilation of Uninhabited Spaces..... M-26aR

CHAPTER 5 EXHAUST SYSTEMS M-27R

Section

- 501 General..... M-27R
- 502 Required Systems M-27R
- 503 Motors and Fans M-33
- 504 Clothes Dryer Exhaust M-33
- 505 Domestic Kitchen Exhaust Equipment..... M-34
- 506 Commercial Kitchen Grease Ducts and Exhaust Equipment M-34
- 507 Commercial Kitchen Hoods..... M-37
- 508 Commercial Kitchen Makeup Air M-39
- 509 Fire Suppression Systems..... M-39
- 510 Hazardous Exhaust Systems..... M-39
- 511 Dust, Stock and Refuse Conveying Systems..... M-41
- 512 Subslab Soil Exhaust Systems M-41
- 513 Smoke Control Systems M-41

CHAPTER 6 DUCT SYSTEMS..... M-49

Section

- 601 General M-49
- 602 Plenums M-49
- 603 Duct Construction and Installation..... M-50
- 604 Insulation..... M-51R
- 605 Air Filters..... M-52R
- 606 Smoke Detection Systems Control M-52R
- 607 Ducts and Air Transfer Openings M-53R

CHAPTER 7 COMBUSTION AIR M-57

Section

- 701 General M-57
- 702 Inside Air M-57
- 703 Outdoor Air M-57
- 704 Combined Use of Inside and Outdoor Air (Condition 1)..... M-58
- 705 Combined Use of Inside and Outdoor Air (Condition 2)..... M-58
- 706 Forced Combustion Air Supply M-58
- 707 Direct Connection..... M-59
- 708 Combustion Air Ducts M-59
- 709 Opening Obstructions..... M-59
- 710 Opening Location and Protection..... M-59

CHAPTER 8 CHIMNEYS AND VENTS M-61

Section

801 General M-61

802 Vents M-62

803 Connectors M-63

804 Direct-Vent, Integral Vent and Mechanical
Draft Systems M-64

805 Factory-Built Chimneys M-65

806 Metal Chimneys M-65

**CHAPTER 9 SPECIFIC APPLIANCES,
FIREPLACES AND SOLID FUEL-
BURNING EQUIPMENT M-67R**

Section

901 General M-67R

902 Masonry Fireplaces M-67R

903 Factory-Built Fireplaces M-67R

904 Pellet Fuel-Burning Appliances M-67R

905 Fireplace Stoves and Room Heaters M-67R

906 Factory-Built Barbecue Appliances M-67R

907 Incinerators and Crematories M-67R

908 Cooling Towers, Evaporative
Condensers and Fluid Coolers M-68R

909 Vented Wall Furnaces M-68R

910 Floor Furnaces M-68R

911 Duct Furnaces M-68R

912 Infrared Radiant Heaters M-69R

913 Clothes Dryers M-69R

914 Sauna Heaters M-69R

915 Engine and Gas Turbine-Powered
Equipment and Appliances M-69R

916 Pool and Spa Heaters M-69R

917 Cooking Appliances M-69R

918 Forced-Air Warm-Air Furnaces M-70R

919 Conversion Burners M-70R

920 Unit Heaters M-70R

921 Vented Room Heaters M-71R

922 Kerosene and Oil-Fired Stoves M-71R

923 Small Ceramic Kilns M-71R

924 Stationary Fuel Cell Power Plants M-71R

**CHAPTER 10 BOILERS, WATER HEATERS
AND PRESSURE VESSELS M-73**

Section

Comm 64.1001

Boilers, Water Heaters and Pressure Vessels ... M-73

CHAPTER 11 REFRIGERATION M-75

Section

Comm 64.1101

Refrigeration M-75

CHAPTER 12 HYDRONIC PIPING M-77

Section

Comm 64.1201

Hydronic Piping M-77

**CHAPTER 13 FUEL OIL PIPING
AND STORAGE M-79**

Section

Comm 64.1300 M-79

CHAPTER 14 SOLAR SYSTEMS M-81

Section

1401 General M-81

1402 Installation M-81

1403 Heat Transfer Fluids M-81

1404 Materials M-82

CHAPTER 15 REFERENCED STANDARDS ... M-83

**APPENDIX A COMBUSTION AIR OPENINGS
AND CHIMNEY CONNECTOR
PASS-THROUGHS M-87**

INDEX M-93