



PART **2**

International Mechanical Code

Chapter 1 Through 15

- **Chapter 1** Administration
- **Chapter 2** Definitions **No changes addressed**
- **Chapter 3** General Regulations
- **Chapter 4** Ventilation
- **Chapter 5** Exhaust Systems
- **Chapter 6** Duct Systems
- **Chapter 7** Combustion Air
- **Chapter 8** Chimneys and Vents
- **Chapter 9** Specific Appliances, Fireplaces, and Solid Fuel–Burning Equipment
- **Chapter 10** Boilers, Water Heaters, and Pressure Vessels **No changes addressed**
- **Chapter 11** Refrigeration
- **Chapter 12** Hydronic Piping
- **Chapter 13** Fuel Oil Piping and Storage **No changes addressed**
- **Chapter 14** Solar Systems **No changes addressed**
- **Chapter 15** Referenced Standards **No changes addressed**

The *International Mechanical Code*[®] (IMC) contains provisions for the regulation of mechanical equipment design and installation. The code consists of 15 chapters and two appendices. Appendix A deals with combustion air openings and chimney connector pass-throughs and Appendix B lists recommended permit fees.

The provisions of Chapter 1 address the scoping, application, enforcement, and administration of subsequent requirements of the code. Chapter 2 provides definitions for terms used throughout the IMC. Chapter 3 includes the general requirements for listed equipment, appliance location, protection for personnel servicing mechanical equipment, access requirements for appliances in various locations, and condensate disposal. Chapter 4 addresses building ventilation. Chapter 5 includes exhaust systems such as commercial kitchen exhaust systems. Chapter 6 covers all of the duct construction for HVAC systems. Chapter 7 addresses combustion air. Chapter 8 has requirements for vents and chimneys. Chapter 9 includes requirements for specific appliances, fireplaces, and solid-fuel equipment. Chapter 10 deals with boilers, water heaters, and pressure vessels. Chapter 11 addresses refrigeration systems. Chapter 12 has requirements for hydronic piping. Regulations governing fuel oil piping and storage are located in Chapter 13. Chapter 14 deals with solar systems. Chapter 15 contains standards, referenced in the 2009 IMC, listed by the promulgating agency of the standard. ■

103.2, 103.3, 103.4

Appointment, Deputies, Liability

106.4.7

Previous Approvals

107.1, 107.2, 107.4, 107.6

Inspection and Testing

110

Temporary Equipment, Systems, and Uses

304.6

Public Garages

304.10

Clearance from Grade for Appliances

306.5

Equipment and Appliances on Roofs or Elevated Structures

307.2.2 AND TABLE 307.2.2 (NEW)

Condensate Drain Sizing

401.1 AND 501.1

Ventilation and Exhaust Systems—Scope

403

Mechanical Ventilation

403.3.1

Zone Outdoor Airflow

403.3 AND TABLE 403.3

Outdoor Airflow Rate

403.3.2

System Outdoor Airflow

501.3

Pressure Equalization

504.6

Domestic Clothes Dryer Ducts

504.8

Common Exhaust Systems for Clothes Dryers Located in Multi-Story Structures

505.2

Domestic Kitchen Exhaust Makeup Air

506.3.8

Grease Duct Cleanouts and Other Openings

506.3.10

Grease Duct Enclosures

506.4.2

Type II Terminations

507.2.1 AND 507.2.2

Type I and Type II Hoods

507.9

Clearances for Type I Hood

603.4.1

Minimum Fasteners

606.4.1

Smoke Detection System Supervision

607.5

Dampers for Duct and Air Transfer Openings/Where Required

701.1

Combustion Air

801.18.4, 801.18.4.1 (NEW), 801.20

Chimneys and Vents

918.6

Prohibited Sources of Outdoor or Return Air for Forced-Air Warm-Air Furnaces

1101.10

Locking Access Port Caps

TABLE 1103.1

Refrigerant Classification

1104.2.2

Industrial Occupancies and Refrigerated Rooms

1107.2

Refrigerant Piping Locations

1201.2 (NEW), TABLES 1202.4 AND 1202.5, 1203.16, 1203.17, 1203.18, AND 1203.19

Hydronic Piping

1209.5

Thermal Barrier Required

103.2, 103.3, 103.4

Appointment, Deputies, Liability

CHANGE TYPE. Modification

CHANGE SUMMARY. Requirements for the appointment of the code official and protection against liability have been clarified and are now uniform throughout the family of I-Codes.

2009 CODE: 103.2 Appointment. ~~The code official shall be appointed by the chief appointing authority of the jurisdiction; and the code official shall not be removed from office except for cause and after full opportunity to be heard on specific and relevant charges by and before the appointing authority.~~

103.3 Deputies. In accordance with the prescribed procedures of this jurisdiction and with the concurrence of the appointing authority, the code official shall have the authority to appoint a deputy code official, other related technical officers, inspectors and other employees. Such employees shall have powers as delegated by the code official.

103.4 Liability. The code official, member of the board of appeals officer or employee charged with the enforcement of this code, while acting for the jurisdiction in good faith and without malice in the discharge of the duties required by this code or other pertinent law or ordinance, shall not thereby be rendered liable personally, and is hereby relieved from all personal liability for any damage accruing to persons or property as a result of an act or by reason of an act or omission required or permitted in the discharge of official duties.

Any suit instituted against any officer or employee because of an act performed by that officer or employee in the lawful discharge of duties and under the provisions of this code shall be defended by the legal representative of the jurisdiction until the final termination of the proceedings. The code official or any subordinate shall not be liable for costs in an action, suit or proceeding that is instituted in pursuance of the provisions of this code; ~~and any officer of the department of mechanical inspection, acting in good faith and without malice, shall be free from liability for acts performed under any of its provisions or by reason of any act or omission in the performance of official duties in connection therewith.~~

CHANGE SIGNIFICANCE. These particular code changes were developed to provide consistency in the administration of the *International Mechanical Code*® (IMC). The new provisions give the authority for a jurisdiction to appoint a chief code official, enable inspectors and other code professionals to act within the authority established by the chief code official, and expand the protection against lawsuits to members of the board of appeals when they have acted within the scope of their authority and without malice.