



Georgia State Amendments to the Standard Mechanical Code (2000 Edition)



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Revised January 1, 2005

**GEORGIA STATE MINIMUM
STANDARD MECHANICAL CODE
(INTERNATIONAL MECHANICAL CODE)**

The STANDARD MECHANICAL CODE (International Mechanical Code), 2000 Edition, published by the Southern Building Code Congress International, Inc. (International Code Council), when used in conjunction with these Georgia Amendments and the Georgia Amendments adopted effective January 1 of 2001 and 2004, shall constitute the official Georgia State Minimum Standard Mechanical Code.

GEORGIA STATE AMENDMENTS

CODE REFERENCE:

- (a) Replace all references to the ICC *Electrical Code* with references to the *Georgia State Minimum Standard Electrical Code (National Electrical Code)*.
- (b) Replace all references to the *International Energy Conservation Code (IECC)* with references to the *Georgia State Energy Code for Buildings*. The *Georgia State Energy Code for Buildings* shall be used for efficiency and coefficient of performance ratings of mechanical equipment.

SCOPE:

The provisions of the *Georgia State Minimum Standard Mechanical Code (International Mechanical Code)* shall regulate the design, installation, maintenance, alteration and inspection of mechanical systems that are permanently installed and utilized to provide control of environmental conditions and related processes within buildings. This code shall also regulate those mechanical systems, system components, equipment and appliances specifically addressed herein. The installation of fuel gas distribution piping and equipment, fuel gas-fired appliances and fuel gas-fired appliance venting systems shall be regulated by the *Georgia State Minimum Standard Gas Code (International Fuel Gas Code)*.

APPENDICES:

Appendices are not enforceable unless they are specifically referenced in the body of the code or adopted by the Department of Community Affairs or the authority having jurisdiction.

**GEORGIA STATE MINIMUM
REQUIREMENTS FOR BOILERS/WATER HEATERS AND PRESSURE VESSELS**

- (a) The State's minimum requirements for boilers/water heaters and pressure vessels over 200,000 BTU (58.56 kW), 210 degrees Fahrenheit or 120 gallons capacity shall be established by O.C.G.A. Title 34, Chapter 11 and the Rules and Regulations of the Georgia Department of Labor.

**Revise the Standard Mechanical Code (International Mechanical Code), 2000 Edition, as follows:*

**CHAPTER 4
VENTILATION**

**SECTION 403
MECHANICAL VENTILATION**

*Revise Section 403.3 ‘Ventilation rate’ to add exception.

403.3 Ventilation rate.

Exception #2:

The minimum outdoor airflow rate may also be determined in accordance with Addendum “n” of ASHRAE 62-2001 as an alternate method.

(Effective January 1, 2005)

**CHAPTER 6
DUCT SYSTEMS**

**SECTION 603
DUCT CONSTRUCTION AND INSTALLATION**

*Revise Section 603.1 ‘General’ to add.

603.1 General.

Ducts and duct systems complying with the following applicable standards shall be deemed as meeting the intent of this code:

1. SMACNA *Fibrous Glass Duct Construction Standards*; or SMACNA *HVAC Duct Construction Standards—Metal and Flexible*; or NAIMA *Fibrous Glass Duct Construction Standards*.
2. ASHRAE Handbook
3. UL-181; UL-181A and UL-181B
4. *ADC Flexible Duct Performance and Installation Standards*
5. ACCA Manual D—*Residential Duct Systems*; ACCA Manual Q—*Commercial Low Pressure, Low Velocity Duct System Design*.

(Effective January 1, 2005)

**CHAPTER 15
REFERENCED STANDARDS**

*Revise Chapter 15 ‘Referenced Standards’ to add.

(Effective January 1, 2005)

Air Conditioning Contractors of America
2800 Shirlington Road, Suite 300

ACCA

Arlington, VA 22206

| Standard reference number | Title | Referenced in code section number |
|---------------------------------|--|---|
| Manual D | Residential Duct Systems | 603.1 |
| Manual Q | Commercial Low Pressure, Low Velocity Duct System Design | 603.1 |

Air Diffusion Council
1000 East Woodfield Road, Suite 102

ADC

Schaumburg, IL 60173

| Standard reference number | Title | Referenced in code section number |
|---------------------------------|---|---|
| | Flexible Duct Performance and Installation Standards (Third Edition 2003) | 603.1 |

North American Insulation Manufacturers Association
44 Canal Center Plaza, Suite 310

NAIMA

Alexandria, VA 22314

| Standard reference number | Title | Referenced in code section number |
|---------------------------------|---|---|
| | Fibrous Glass Duct Construction Standards | 603.1 |

Underwriters Laboratories Inc.
333 Pfingsten Road

UL

Northbrook, IL 60062-2096

| Standard reference number | Title | Referenced in code section number |
|---------------------------------|---|---|
| 181A—94 | Standard for Closure Systems for Use with Rigid Air Ducts and Air Connectors | 603.1 |
| 181B—95 | Standard for Closure Systems for Use with Flexible Air Ducts and Air Connectors | 603.1 |

End of Amendments.