



**Georgia State Amendments
to the
International Residential
Code for One- and Two-
Family Dwellings
(2006 Edition)**



Georgia Department of Community Affairs
Planning and Environmental Management Division
60 Executive Park South, N.E.
Atlanta, Georgia 30329-2231
(404) 679-3118
www.dca.state.ga.us

Revised January 1, 2008

**GEORGIA STATE MINIMUM STANDARD
ONE AND TWO FAMILY DWELLING CODE
(INTERNATIONAL RESIDENTIAL CODE FOR
ONE- AND TWO-FAMILY DWELLINGS
WITH GEORGIA STATE AMENDMENTS)**

The **INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS, 2006 Edition**, published by the International Code Council, when used in conjunction with these Georgia State Amendments and the Georgia State Amendments adopted effective January 1 of 2007, shall constitute the official *Georgia State Minimum Standard One and Two Family Dwelling Code*.

Part IV, Energy Conservation (Chapter 11), is deleted from the **INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS**. Substitute all references to Chapter 11 **ENERGY EFFICIENCY** with references to the *Georgia State Minimum Standard Energy Code (IECC with Georgia State Supplements and Amendments)*.

Part VII, Plumbing (Chapters 25 through 32), is deleted from the **INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS**. Substitute for plumbing requirements the *Georgia State Minimum Standard Plumbing Code (International Plumbing Code with Georgia State Amendments)*.

Part VIII, Electrical (Chapters 33 through 42), is deleted from the **INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS**. Substitute for electrical requirements the *Georgia State Minimum Standard Electrical Code (National Electrical Code with Georgia State Amendments)*.

GEORGIA STATE AMENDMENTS

CODE REFERENCE:

- (a) Replace all references to the ICC *Electrical Code* with references to the *Georgia State Minimum Standard Electrical Code*.
- (b) Replace all references to the *International Energy Conservation Code (IECC)* with references to the *Georgia State Minimum Standard Energy Code (IECC with Georgia State Supplements and Amendments)*. The *Georgia State Minimum Standard Energy Code* shall be used for heating and air conditioning equipment.

SCOPE:

The provisions of the *Georgia State Minimum Standard One and Two Family Dwelling Code* shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories in height with separate means of egress and their accessory structures.

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

The State's minimum requirements for boilers/water heaters and pressure vessels over 200,000 BTU/h (58.61 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 International Residential Code for One- and Two-Family Dwellings, 2006 Edition, as follows:*

CHAPTER 3 BUILDING PLANNING

SECTION R309 GARAGES AND CARPORTS

*Revise Exception #1 of Section R309.2, 'Separation required', to read as follows:

R309.2 Separation required.

Exception #1:

Separation is not required in garages protected by an automatic sprinkler system that meets the following criteria:

1. The sprinkler system shall be connected to a reliable water supply system with or without an automatic operated pump.
2. A piping system serving both sprinkler and domestic needs shall be acceptable.
3. Ordinary-temperature-rated residential or quick response sprinklers (135°F to 170°F [57°C to 77°C]) with a ½-inch (13 mm) orifice shall be installed.
4. The minimum operating pressure of any residential or quick response sprinkler shall be 7 psi (0.5 bar).
5. Walls that resist the passage of smoke shall separate the sprinklered compartment from any other space(s). Openings in this wall shall be regulated by Section R309.1.
6. The maximum area protected by a single sprinkler head shall not exceed 144 ft² (13.4 m²).
7. The maximum distance between sprinklers shall not exceed 12 feet (3.7 m).
8. The maximum distance to a wall or partition shall not exceed 6 feet (1.8 m).
9. The minimum distance between sprinklers within a compartment shall be 8 feet (2.4 m).
10. Pendent and upright sprinkler heads shall be positioned so that the deflectors are within 1 to 4 inches (25.4 mm to 102 mm) below framing.
11. Sprinkler heads shall be located on a looped piping configuration.
12. Minimum pipe size, including that for copper, listed chlorinated polyvinyl chloride (CPVC), and polybutylene (PB) piping shall be ¾-inch (19 mm).

13. Garage doors in the open position shall not interfere with the operation of a sprinkler head.

14. A smoke detector shall be installed in accordance with Section R313.
(Effective January 1, 2008)

CHAPTER 24 FUEL GAS

SECTION G2411 (310) ELECTRICAL BONDING

*Add new Section G2411.1.1, 'Bonding Corrugated Stainless Steel Tubing (CSST)', as follows:

G2411.1.1 Bonding Corrugated Stainless Steel Tubing (CSST). Corrugated stainless steel tubing shall be directly bonded to the electrical grounding system. The direct bonding connection shall be made with American Wire Gauge (AWG) number 6 copper wire. The copper wire shall be attached to either the CSST fitting or to a segment of rigid piping component connected to a fitting located near the electrical meter using an approved bonding clamp in accordance with the CSST manufacturer's installation instructions. The bonding conductor shall be affixed to either the grounding conductor or electrode using an approved clamp or other approved means of attachment.

(Effective January 1, 2008)

End of Amendments.