



Georgia State Amendments to the International Residential Code for One- and Two- Family Dwellings

(2006 Edition)



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**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 all other Georgia State Amendments to the **INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS, 2006 Edition**, 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 (National Electrical Code with Georgia State Amendments)*.
- (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 2 DEFINITIONS

SECTION R202 DEFINITIONS

*Add new definition 'Air-Impermeable Insulation' to Section R202 'Definitions' as follows:

AIR-IMPERMEABLE INSULATION. An insulation having an air permeance equal to or less than 0.02 L/s-m² at 75 Pa pressure differential tested according to ASTM E 2178 or E 283. (Effective January 1, 2010)

*Revise definition of 'Townhouse' of the 2009 Georgia Amendment to read as follows:

TOWNHOUSE. Multiple single-family dwelling units, separately owned, constructed in a group of three or more attached units in which each unit extends from foundation to roof and with a yard or public way on at least two sides. (Effective January 1, 2010)

CHAPTER 8 ROOF-CEILING CONSTRUCTION

SECTION R806 ROOF VENTILATION

*Delete Section R806.4 'Conditioned attic assemblies' and substitute the following:

R806.4 Unvented attic assemblies. Unvented attic assemblies (spaces between the ceiling joists of the top story and the roof rafters) shall be permitted if all the following conditions are met:

1. The unvented attic space is completely contained within the building thermal envelope.
2. No interior vapor retarders are installed on the ceiling side (attic floor) of the unvented attic assembly.
3. Where wood shingles or shakes are used, a minimum ¼ inch (6 mm) vented air space separates the shingles or shakes and the roofing underlayment above the structural sheathing.
4. Either Items a, b or c shall be met, depending on the air permeability of the insulation directly under the structural roof sheathing.
 - a. Air-impermeable insulation only. Insulation shall be applied in direct contact to the underside of the structural roof sheathing.
 - b. Air-permeable insulation only. In addition to the air-permeable insulation installed directly below the structural sheathing, rigid board or sheet insulation shall be installed directly above the structural roof sheathing as specified in Table R806.4 for condensation control.
 - c. Air-impermeable and air-permeable insulation. The air-impermeable insulation shall be applied in direct contact to the underside of the structural roof sheathing as specified in Table R806.4 for condensation control. The air-permeable insulation shall be installed directly under the air-impermeable insulation.

**TABLE R806.4
INSULATION FOR CONDENSATION CONTROL**

CLIMATE ZONE	MINIMUM RIGID BOARD OR AIR-IMPERMEABLE INSULATION R-VALUE ^a
2B and 3B tile roof only	0 (none required)
1, 2A, 2B, 3A, 3B, 3C	R-5
4C	R-10
4A, 4B	R-15
5	R-20
6	R-25
7	R-30
8	R-35

a. Contributes to but does not supersede the requirements of the Georgia State Minimum Standard Energy Code. (Effective January 1, 2010)

CHAPTER 15 EXHAUST SYSTEMS

SECTION M1502 CLOTHES DRYER EXHAUST

*Revise Section M1502.6 ‘Duct length’ to read as follows:

M1502.6 Duct length. The maximum length of a clothes dryer exhaust duct shall not exceed 35 feet (10668 mm) from the dryer location to the wall or roof termination. The maximum length of the duct shall be reduced 2.5 feet (762 mm) for each 45-degree (0.79 rad) bend and 5 feet (1524

mm) for each 90-degree (1.57 rad) bend. The maximum length of the exhaust duct does not include the transition duct.

Exception: Where the make and model of the clothes dryer to be installed is known and the manufacturer's installation instructions for such dryer are provided to the code official, the maximum length of the exhaust duct, including any transition duct, shall be permitted to be in accordance with the dryer manufacturer's installation instructions. Where exhaust ducts are installed in concealed locations, the developed length of the exhaust duct system shall be indicated by permanent labels or tags installed in an observable location.

(Effective January 1, 2010)

CHAPTER 24 FUEL GAS

SECTION G2415 (404) PIPING SYSTEM INSTALLATION

*Revise Section G2415.1 (404.1) 'Prohibited locations' to read as follows:

G2415.1 (404.1) Prohibited locations. Piping shall not be installed in or through a ducted supply, return or exhaust, clothes chute, chimney or gas vent, dumbwaiter or elevator shaft. Piping installed downstream of the point of delivery shall not extend through any townhouse unit other than the unit served by such piping.

(Effective January 1, 2010)

SECTION G2420 (409) GAS SHUTOFF VALVES

*Revise Section G2420.5 (409.5) 'Equipment shutoff valve' to add exception number 2 as follows:

G2420.5 (409.5) Equipment shutoff valve.

Exceptions:

1. Shutoff valves for vented decorative appliances and decorative appliances for installation in vented fireplaces shall not be prohibited from being installed in an area remote from the appliance where such valves are provided with ready access. Such valves shall be permanently identified and shall serve no other equipment.
2. Shutoff valves for ranges/ovens and dryers shall be allowed to be located behind such equipment.

(Effective January 1, 2010)

SECTION G2439 (614) CLOTHES DRYER EXHAUST

*Revise Section G2439.5.1 (614.6.1) 'Maximum length' to read as follows:

G2439.5.1 (614.6.1) Maximum length. The maximum length of a clothes dryer exhaust duct shall not exceed 35 feet (10668 mm) from the dryer location to the outlet terminal. The maximum length of the duct shall be reduced 2 1/2 feet (762 mm) for each 45 degree (0.79 rad) bend and 5 feet (1524 mm) for each 90 degree (1.57 rad) bend. The maximum length of the exhaust duct does not include the transition duct.

Exception: Where the make and model of the clothes dryer to be installed is known and the manufacturer's installation instructions for such dryer are provided to the code official, the maximum length of the exhaust duct, including any transition duct, shall be permitted to be in accordance with the dryer manufacturer's installation instructions. Where exhaust ducts are installed in concealed locations, the developed length of the exhaust duct system shall be indicated by permanent labels or tags installed in an observable location.
(Effective January 1, 2010)

End of Amendments.