

110-11-1-.03 Adoption of Amendments to Codes.

The following amendments to codes are hereby adopted by the Board of Community Affairs as amendments to the Georgia State Minimum Standard Codes for Construction:

GEORGIA AMENDMENT TO THE 1994 STANDARD BUILDING CODE

Amend Section 1604.2 of the 1994 Standard Building Code to read as follows:

1604.2 Reduction Of Uniform Live Load

1604.2 Delete the Georgia amendment in its entirety and substitute in lieu thereof the original wording of the 1994 SBCCI Standard Building Code for code requirements on the Reduction of Uniform Live Loads.

GEORGIA AMENDMENT TO THE 1995 CABO ONE AND TWO FAMILY DWELLING CODE

Amend Section 1603 of the 1995 CABO One and Two Family Dwelling Code (Vented Room Heaters) by adding a new Section 1603.1.2 to read as follows:

1603.1.2 Unvented room heaters shall not have a normal input rating in excess of 40,000 Btu per hour (11.7 kW) and shall not be installed in sleeping quarters.

EXCEPTION: Listed unvented room heaters for installation in bedrooms shall not have normal input rating in excess of 10,000 Btu per hour (2.9 kW). Listed unvented room heaters for installation in bathrooms shall not have normal input rating in excess of 6,000 Btu per hour (1.8 kW). Gas fired vented heaters installed in bedrooms or rooms generally kept closed shall be connected to an effective chimney or gas vent and equipped with a safety shutoff device. Gas fired unvented heaters installed in bedrooms, bathrooms or rooms generally kept closed shall be wall-mounted.

GEORGIA AMENDMENT TO THE 1996 NATIONAL ELECTRICAL CODE

Amend Section 517 of the 1996 National Electrical Code as follows:

517.21 Ground-Fault Circuit-Interrupter Protection For Personnel

Delete the Georgia amendment in its entirety and substitute in lieu thereof the original wording of the 1996 National Electrical Code for requirement on ground fault circuit interrupters.

**GEORGIA AMENDMENTS TO THE
1994 STANDARD FIRE PREVENTION CODE**

Amend Section 3001.3 (paragraphs 3001.3.1 and 3001.3.2) of the 1994 Standard Fire Prevention Code to read as follows:

3001.3 Dispensing Flammable or Combustible Liquids

3001.3.1 No dispensing, transfer or storage of flammable or combustible liquids shall be permitted inside of any building or structure.

Exception:

1. As provided for in Chapter 9 of this code.
2. When the procedures used follow the guidelines and requirements set forth in NFPA 410 "Standard for Aircraft Maintenance."

3001.3.2 No flammable or combustible liquid shall be dispensed into or removed from the fuel system of an aircraft within any aircraft hanger.

EXCEPTION: Aircraft fuel system maintenance conducted in accordance with NFPA 410.

Amend Chapter 3, Recognized Standards and Publications to add the following:

National Fire Protection Association

410 Standard on Aircraft Maintenance	3001.3.1
	3001.3.2

**GEORGIA AMENDMENTS TO THE
1994 STANDARD GAS CODE**

Amend Section 504 of the 1994 Standard Gas Code to read as follows:

**504
Water Heaters**

504.2 Location

504.2.2 When water heaters or hot water storage tanks are installed in remote locations such as suspended ceiling spaces or in attics, the tank or heater shall rest in a galvanized steel or other pan that has been tested and certified by an approved testing agency or approved by the local authority having jurisdiction. It shall be of equal corrosion resistance having a thickness of at least equal to 0.0276 inch (0.7 mm) galvanized steel.

Pans shall have a minimum depth of 1 1/2 inches (38 mm). All drain pans shall have a minimum of 1 inch (25.4 mm) drain. See chapter 5 of the Standard Plumbing Code for other safety pan requirements.

Amend Section 505 (paragraphs 505.1 and 505.4) of the 1994 Standard Gas Code to read as follows:

505 Room Heaters

505.1 Installation - General

505.1.1 Listed unvented room heaters shall be installed in accordance with their listings and the manufacturer's instruction. Unvented room heaters shall not have a normal input rating in excess of 40,000 Btu per hour (11.7 kW) and shall not be installed in sleeping quarters.

EXCEPTION: Listed unvented room heaters for installation in bedrooms shall not have normal input rating in excess of 10,000 Btu per hour (2.9 kW). Listed unvented room heaters for installation in bathrooms shall not have normal input rating in excess of 6,000 Btu per hour (1.8 kW).

505.4.1 Installations in Bedrooms

505.4.1 Gas fired vented heaters installed in bedrooms or rooms generally kept closed shall be connected to an effective chimney or gas vent and equipped with a safety shutoff device.

505.4.2 Gas fired unvented heaters installed in bedrooms, bathrooms or rooms generally kept closed shall be wall-mounted.

GEORGIA AMENDMENT TO THE 1994 STANDARD HOUSING CODE

Amend Section 302.5 of the 1994 Standard Housing Code to read as follows:

302.5 Heating Facilities

302.5.3 Gas heaters listed for unvented use shall be permitted provided the room heaters are installed in accordance with their listing and the manufacturer's instructions. Unvented room heaters shall not have a normal input rating in excess of 40,000 Btu per hour (11.7 kW) and shall not be installed in sleeping quarters.

EXCEPTION: Listed unvented room heaters for installation in bedrooms shall not have normal input rating in excess of 10,000 Btu per hour (2.9 kW). Listed unvented room

heaters for installation in bathrooms shall not have normal input rating in excess of 6,000 Btu per hour (1.8 kW).

302.5.3.1 Gas fired vented heaters installed in bedrooms or rooms generally kept closed shall be connected to an effective chimney or gas vent and equipped with a safety shutoff device. Gas fired unvented heaters installed in bedrooms, bathrooms or rooms generally kept closed shall be wall-mounted.

GEORGIA AMENDMENT TO THE 1994 STANDARD PLUMBING CODE

Amend Section 507.8 of the 1994 Standard Plumbing Code to read as follows:

507.8 Safety Pans and Relief Valve Waste

507.8.1 When water heaters or hot water storage tanks are installed in remote locations such as suspended ceiling spaces or in attics, the tank or heater shall rest in a galvanized steel or other pan that has been tested and certified by an approved testing agency or approved by the local authority having jurisdiction. It shall be of equal corrosion resistance having a thickness of at least equal to 0.0276 inch (0.7 mm) galvanized steel.

GEORGIA AMENDMENT TO THE 1995 CABO MODEL ENERGY CODE WITH GEORGIA SUPPLEMENTS AND AMENDMENTS

Amend Section 704 of the 1995 CABO Model Energy Code with Georgia Supplements and Amendments Code to read as follows:

Modify 704.1.1 & Table 704B, add new section 704.1.1.1 and add new references as follows:

Section 704

Building Design Requirements

704.1 Building Envelopes.

704.1.1 Buildings used for assembly, business, education, mercantile, industrial or storage that are 5,000 square feet or less in gross floor area shall be permitted to meet the envelope requirements of Section 402 of RS-22 or the prescriptive envelope requirements of 704.1.2. All other buildings shall meet the envelope requirements of Section 402 of RS-22.

Exceptions:

1. Buildings designed and constructed to meet Section 13 of RS-1, listed in Chapter 5 of RS-22 of this Code, shall be deemed as meeting this code. Such designs shall be certified by a registered architect or engineer stating that the estimated energy cost for a building as designed is not greater than the energy cost of a prototype building or referenced building as determined pursuant to Section 13 of RS-1.

2. The Roof/Ceiling U-values specified in the envelope requirements of Section 402 of RS-22 or 704.1.2.3 shall be permitted to be adjusted in accordance with 704.1.1.1.

704.1.1.1 U-value adjustment: The Roof/Ceiling U-value for buildings that are mechanically cooled and have a roof covering with a high albedo surface can be increased in accordance with this section provided the roof surface:

a) has a minimum total solar reflectance of 0.75 when tested in accordance with ASTM E 903, and

b) has a minimum infrared emittance of 0.75 when tested in accordance with ASTM E 408.

The adjusted U-value is equal to the code specified U-value times the following adjustment factor.

Climate Range (HDD65)	Thermal Zone (Fig. 703)	Adjustment Factor
>4500		1.000
3501-4500	3	1.114
2501-3500	2	1.125
<2500	1	1.160

704.1.2.3 Roof/Ceilings. Roof/Ceiling assemblies shall comply with Table 704B.

**Table 704B
Prescriptive Roof/Ceiling Values**

Thermal Zone 1	Value of Roof/Ceiling 2	
	U(max)	R(min)
I	0.070	14
II	0.070	14
III	0.070	14

Notes:

1. Thermal zones are shown in Figure 703.

2. The U-values shall be permitted to be adjusted in accordance with 704.1.1.1.

704.6 Reference Standards. The following references are in addition to the reference standards in Chapter 5 of RS-22.

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| RS-43 | ASTM E 903-88 Standard test Method for Solar Absorptance, Reflectance, and Materials Using Integrating Spheres. ASTM. Philadelphia, PA 19103 |
| RS-44 | ASTM E 408-71 (1990). Test Method for Normal Emittance of Surfaces Using Inspection Meter Techniques. ASTM. Philadelphia, PA 19103 |

Authority O.C.G.A. Sec. 8-2-20 et seq. **History.** Original Rule entitled “Adoption of Amendments to Codes” adopted. F. Mar. 11, 1997; eff. Apr. 1, 1997, as specified by the Agency.