



# **Georgia State Amendments to the International Building Code (2018 Edition)**



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**GEORGIA STATE MINIMUM STANDARD BUILDING CODE  
(INTERNATIONAL BUILDING CODE WITH GEORGIA STATE AMENDMENTS)**

The **INTERNATIONAL BUILDING CODE, 2018 Edition**, published by the International Code Council, when used in conjunction with these and any other Georgia State Amendments to the **INTERNATIONAL BUILDING CODE, 2018 Edition**, shall constitute the official *Georgia State Minimum Standard Building 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 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 efficiency and coefficient of performance ratings of equipment.
- (c) Replace all references to the *International Existing Building Code (IEBC)* with references to Chapter 34 'Existing Buildings' of these Georgia State Amendments.

Note: By Georgia law, the *International Existing Building Code* is a permissive or optional State Minimum Standard Code. Consequently, the provisions contained in the *International Existing Building Code* are not mandatory or applicable unless specifically referenced in the adopting ordinance of local governments.

**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.

**SCOPE:**

The provisions of the *Georgia State Minimum Standard Building Code* shall apply to the construction, *alteration*, relocation, enlargement, replacement, *repair*, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.

**Exception #1:** Detached one- and two-family *dwellings* and multiple single-family *dwellings* (townhouses separated by a 2-hour fire-resistance-rated wall assembly) not more than three *stories* above *grade plane* in height with a separate *means of egress* and their accessory structures shall comply with the *Georgia State Minimum Standard One- and Two-Family Dwelling Code (International Residential Code for One- and Two-Family Dwellings with Georgia State Amendments)*.

**Exception #2:** The following table titled ‘Codes Reference Guide’ establishes specific primary and supplementary code applications and is to be applied by the authority having jurisdiction.

<b>CODES REFERENCE GUIDE</b>		
<b>Area</b>	<b>Primary</b>	<b>Supplement</b>
Occupancy Classification	LSC	IBC
Building Construction Types including allowable height, allowable building areas, and the requirements for sprinkler protection related to minimum building construction types.	IBC	LSC
Means of Egress	LSC	NONE
Standpipes	IBC	IFC
Interior Finish	LSC	NONE
HVAC Systems	IMC	NONE
Vertical Openings	LSC	NONE
Sprinkler Systems minimum construction standard	LSC	NONE
Fire Alarm Systems	LSC	NONE
Smoke Alarms and Smoke Detection Systems	State Statute and LSC	NONE
Portable Fire Extinguishers	IFC	NONE
Cooking Equipment	LSC and NFPA 96	NONE
Fuel Fired Appliances	IFGC	NFPA 54
Liquid Petroleum Gas	NFPA 58	NFPA 54
Compressed Natural Gas	NFPA 52	NONE

*\*Revise the International Building Code, 2018 Edition, to read as follows:*

**CHAPTER 2  
DEFINITIONS**

**SECTION 202  
DEFINITIONS**

\*Revise Section 202 'Definitions' to read as follows:

**[F] FLAMMABLE GAS.** A material which is a gas at 68°F (20°C) or less at 14.7 pounds per square inch atmosphere (psia) (101 kPa) of pressure [a material that has a *boiling point* of 68°F (20°C) or less at 14.7 psia (101 kPa)], subdivided as follows:

1. Category 1A.
  1. A gas which is ignitable at 14.7 psia (101 kPa) when in a mixture of 13 percent or less by volume with air.
  2. A gas with a flammable range at 14.7 psia (101 kPa) with air of not less than 12 percent, regardless of the lower limit, unless data show compliance with Category 1B.
2. Category 1B.

A gas which meets the flammability criteria for Category 1A, is not pyrophoric or chemically unstable, and meets one or more of the following:

  1. A lower flammability limit of more than 6 percent by volume of air; or
  2. A fundamental burning velocity of less than 3.9 in/s (10 cm/s).

The limits specified shall be determined at 14.7 psi (101 kPa) of pressure and a temperature of 68°F (20°C) in accordance with ASTM E681.

Where not otherwise specified, the term "flammable gas" includes both Category 1A and Category 1B.

(Effective January 1, 2024)

**CHAPTER 4  
SPECIAL DETAILED REQUIREMENTS BASED ON OCCUPANCY AND USE**

**SECTION 414  
HAZARDOUS MATERIALS**

\*Revise Table 414.5.1 'Explosion Control Requirements' and add new footnote i to read as follows:

**TABLE 414.5.1 EXPLOSION CONTROL REQUIREMENTS**  
**Portions of table not shown remain unchanged.**

MATERIAL	CLASS	EXPLOSION CONTROL METHODS	
		Barricade construction	Explosion (deflagration) venting or explosion (deflagration) prevention systems
Hazard Category			
Flammable gas	Gaseous	Not required	Required <sup>i</sup>
	Liquefied	Not required	Required <sup>i</sup>

...

i. Not required for Category 1B Flammable Gases having a burning velocity not exceeding 3.9 in/s (10 cm/s).

## CHAPTER 15 ROOF ASSEMBLIES AND ROOFTOP STRUCTURES

### SECTION 1511 REROOFING

\*Revise Section 1511.1 ‘General’ to read as follows:

#### **1511.1 General.**

Materials and methods of application for recovering or replacing an existing *roof covering* shall comply with the requirements of Chapter 15.

#### **Exception 1**

*Roof replacement* or *roof recover* of existing low-slope *roof coverings* shall not be required to meet the minimum design slope requirement of one-quarter unit vertical in 12 units horizontal (2-percent slope) in Section 1507 for roofs that provide *positive roof drainage* and meet the requirements of Section 1608.3 and Section 1611.2.

#### **Exception 2**

Recovering or replacing an existing *roof covering* shall not be required to meet the requirement for secondary (emergency overflow) drains or scuppers in Section 1502.2 for roofs that provide for *positive roof drainage* and meet the requirements of Section 1608.3 and Section 1611.2. For the purposes of this exception, existing secondary drainage or *scupper systems* required in accordance with this code shall not be removed unless they are replaced by secondary drains or *scuppers* designed and installed in accordance with Section 1502.2.

**End of Amendments.**