



# **Georgia State Amendments to the International Building Code (2006 Edition)**



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

The **INTERNATIONAL BUILDING CODE, 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 BUILDING CODE, 2006 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.

**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, movement, 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) not more than three stories high with 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.

## CODES REFERENCE GUIDE

Area	Primary	Supplement
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 or IFGC
Compressed Natural Gas	NFPA 52	NONE

*\*Revise the International Building Code, 2006 Edition, as follows:*

**CHAPTER 7  
FIRE-RESISTANCE-RATED CONSTRUCTION**

**SECTION 707  
SHAFT ENCLOSURES**

\*Revise Section 707.14.1 ‘Elevator lobby’, exception 9, of the Georgia Amendment revised January 1, 2007 to read as follows:

**707.14.1 Elevator Lobby.**

**Exception:**

9. Lobbies are not required where a listed elevator door opening protective device tested in accordance with UL1784 and compliant with ICC ES AC 77, is provided at the hoistway opening other than at the designated primary and alternate floors of elevator return. Written notification provided by installing party be provided to local fire responding party and the Georgia Department of Labor Safety Engineering.

(Effective January 1, 2010)

**CHAPTER 16  
STRUCTURAL DESIGN**

**SECTION 1603  
CONSTRUCTION DOCUMENTS**

\*Revise and re-title Section 1603.1.8 ‘Systems and components requiring special inspections for seismic resistance’ to read as follows:

**1603.1.8 Special inspections statements on construction documents.** The construction documents shall include as a minimum the requirements in Sections 1603.1.8.1 through 1603.1.8.3:

**1603.1.8.1 Special inspections statement on construction documents.** The content of the statement of special inspections required in Section 1705.2 shall be shown on the construction documents and shall include as a minimum the following:

1. The materials, systems, components and/or work required to have special inspections or testing by the building official or by the registered design professional responsible for each portion of the work.
2. The type and extent of each special inspection.
3. The type and extent of each test.

4. Additional requirements for special inspection or testing for seismic or wind resistance as specified in Section 1705.3, 1705.4, 1707 or 1708.

5. For each type of special inspection, identification as to whether it will be a continuous special inspection or a periodic special inspection.

**1603.1.8.2 Final report statement for special inspections.** The construction documents shall contain the following statement:

“Special inspection reports and a final report in accordance with Section 1704.1.2 of the Georgia State Minimum Standard Building Code shall be available at the time the building is approved for occupancy.”

**1603.1.8.3 Systems and components requiring special inspections for seismic resistance.** Construction documents or specifications shall be prepared for those systems and components requiring special inspection for seismic resistance as specified in Section 1707.1 by the registered design professional responsible for their design and shall be submitted for approval in accordance with Section 107.1. Reference to seismic standards in lieu of detailed drawings is acceptable.  
(Effective January 1, 2010)

**CHAPTER 17  
STRUCTURAL TESTS AND SPECIAL INSPECTIONS**

**SECTION 1704  
SPECIAL INSPECTIONS**

\*Revise Table 1704.4 ‘Required Verification and Inspection of Concrete Construction’ by adding line item 12 as follows:

VERIFICATION AND INSPECTIONS	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
12. Inspection of anchors installed in hardened concrete.	----	X	ACI 318: 3.8.6, 8.1.3, 21.2.8	1912.1

(Effective January 1, 2010)

\*Replace 2007 Georgia Amendment Table 1704.1 ‘Minimum Special Inspector Qualifications’ See pages 7 through 9.  
(Effective January 1, 2010)

**CHAPTER 30  
ELEVATORS AND CONVEYING SYSTEMS**

**SECTION 3002  
HOISTWAY ENCLOSURES**

\*Revise Section 3002.4 ‘Elevator car to accommodate ambulance stretcher’ to add exception as follows:

**3002.4 Elevator car to accommodate ambulance stretcher.**

**Exception:** Elevators with 50 feet or less of travel serving only one residence of a one- or two-family dwelling or townhouse shall be in compliance with ASME A17.1 as currently adopted and amended by the Georgia Department of Labor.  
(Effective January 1, 2010)

**CHAPTER 35  
REFERENCED STANDARDS**

\*Revise the ‘ACEC/G’ reference of the 2007 Georgia Amendment to Chapter 35 ‘Referenced Standards’ to read as follows:

Standard number reference	Title	Referenced in code section number
<div style="display: flex; align-items: center;"> <div style="font-size: 2em; margin-right: 10px;">ACEC/G</div> <div style="font-size: 0.8em;">           American Council of Engineering Companies of Georgia Harris Tower, Suite 700 233 Peachtree Street Atlanta, Georgia 30303         </div> </div>	Georgia Special Inspections Guidelines.....1701.4, 2007GA Amendments ( <a href="http://www.acecga.org/">http://www.acecga.org/</a> to download document)	

**End of Amendments.**

**TABLE 1704.1 MINIMUM SPECIAL INSPECTOR QUALIFICATIONS**

Category of Testing and Inspection	Minimum Qualifications (refer to key at end of Table)			
	Shop Testing or Inspection	Field Testing or Inspection	Review Submittals	Review Testing, Certification, & Lab Reports
<b>1704.2 Inspection of Fabricators</b>				
Pre-cast concrete	A, C, E			
Structural steel construction	C, F, G			
Wood construction	A			
Cold formed metal construction	A			
<b>1704.3 &amp; 1707.2 Steel Construction</b>				
Testing of welding	G	G		
Inspection of welding	C, F	C, F		
Material verification of structural steel, High strength bolts, nuts and washers			A	A, C
Material verification of weld filler materials				C, F
High strength bolting, inspection of steel frame joint details		A, C		
<b>1704.4 &amp; 1708.3 Concrete Construction</b>				
Reinforcing placement, cast-in-place bolts, post installed anchors, concrete and shotcrete placement and curing operations		A, C, H		
Pre-stressing steel installation		A, C, D, E		
Erection of pre-cast concrete members		A, C, H		
Concrete field sampling and testing		A, J		
Review certified mill reports and design mixes			A	
<del>Review</del> Verify use of required design mix		A, I, J, H, C		
Pre-stressed (pre-tensioned) concrete force application	A, C, E			
Post-tensioned concrete force application		A, C, D		
Review of in-situ concrete strength, prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms from beams and structural slabs		A, C, D, H		
Reinforcing steel weldability, reinforcing welding, weld filler material		C, F		
Testing of welding of reinforcing steel		G		
<b>1704.5 &amp; 1708.1 Masonry</b>				
Review $f'_m$ prior to construction			A	
Mortar joint construction, grout protection and placement, materials proportion, type/size/location of reinforcement, structural elements, anchorage, and connectors		A, C, K		

*(Table continued on next page)*

**TABLE 1704.1 MINIMUM SPECIAL INSPECTOR QUALIFICATIONS** *(continued)*

Category of Testing and Inspection	Minimum Qualifications (refer to key at end of Table)			
	Shop Testing or Inspection	Field Testing or Inspection/	Review Submittals	Review Testing, Certification, & Lab Reports
Sampling/testing of grout/mortar specimens		A, C, L, M		
Observe preparation of masonry prisms for testing of compressive strength of masonry, $f'_m$		A, C, K, L, M		
Inspection of welding of reinforcing steel		C, F		
Testing of welding of reinforcing steel		G		
<b>1704.7 &amp; 1803 Soils</b>				
Observe site preparation, fill placement testing of compaction for compliance with the construction documents for the project		A, C, I, N		
Observe test bearing materials below shallow foundations for ability to achieve design bearing capacity		A, C, N, I (Level III)		
Review compaction testing for compliance with the construction documents for the project				A
<b>1704.6 Wood Construction</b>				
Observe structural panel sheathing, size of framing members, nail or staple diameter and length, number of fastener lines, and spacing of fastener lines and fasteners for compliance with construction documents for the project		A		
<b>1704.8, 1704.9 &amp; 1808 Pile and Pier Foundations</b>				
Observe installation		A, N		
Observe load tests		A		
<b>1704.10 Sprayed Fire-Resistant Materials</b>				
Observe surface conditions, application, average thickness and density of applied material, and cohesive/adhesive bond		A, C		
<b>1704.11 Mastic and intumescent fire-resistant coatings</b>				
Observe application compliance with AWCI 12-B		A, C		
<b>1704.12 Exterior Insulation and Finish Systems</b>				
Inspect EIFS systems		A, B, C, O		
<b>1704.13 Special Cases</b>				
Work of unusual or special nature		A, B, O		
<b>[F] 1704.14 Smoke Control</b>	<i>See Requirements of IBC Section [F] 1704.14.2.</i>			
<b>1705, 1707 &amp; 1708 Seismic and Wind Resistance</b>				
Periodic inspection of fabrication, installation and/or anchorage of building systems and components		A		

*(Table continued on next page)*



**TABLE 1704.1 MINIMUM SPECIAL INSPECTOR QUALIFICATIONS** *(continued)*

**KEY:**

- A. Georgia Professional Engineer (GA PE) competent in the specific task area or graduate of accredited engineering/engineering technology program under the direct supervision of a GA PE.
- B. Georgia Registered Architect (GA RA) or graduate of accredited architecture/architecture technology program under the direction of a GA RA.
- C. International Code Council (ICC) Special Inspector Certification specific to the particular material and testing methodology applicable to each Category of Testing and Inspection listed in the table.
- D. Post-tensioning Institute (PTI) Certification, Level 2, bonded or unbonded as applicable.
- E. Pre-stressed Concrete Institute (PCI) Certified Inspector.
- F. American Welding Society (AWS) Certified Welding Inspector (CWI) or AWS Certified Associate Welding Inspector working under the direct on-site supervision of a CWI.
- G. American Society for Nondestructive Testing (ASNT) Level II certification, or a Level III certification if previously certified as a Level II in the particular material and testing methodology applicable to each Category of Testing and Inspection listed in the table.
- H. American Concrete Institute (ACI) Concrete Construction Special Inspector.
- I. National Institute for Certification in Engineering Technologies (NICET) Level II or higher certification specific to the particular material and testing methodology applicable to each Category of Testing and Inspection listed in the table.
- J. ACI Concrete Field Testing Technician with Grade 1 certification.
- K. Georgia Concrete and Products Association (GC&PA) – Masonry Association of Georgia (MAG) Masonry Construction Inspector Certification.
- L. National Concrete Masonry Association (NCMA) Concrete Masonry Testing Procedures certification.
- M. GC&PA – MAG Masonry Testing Technician certification.
- N. NICET Certified Engineering Technologist (CT).
- O. Other Qualified Special Inspector as approved by the Building Official.

**Notes:**

1. *The Special Inspector shall meet one of the minimum qualifications listed for the applicable Category of Testing and Inspection.*
2. *Materials testing shall be done by an Approved Testing Agency meeting the requirements of IBC Section 1703 and ASTM E 329.*