

2009

GEORGIA RESIDENTIAL ENERGY CODE INSPECTION CHECKLIST

This checklist is based on the 2006 International Energy Conservation Code (IECC) with 2008 and 2009 Georgia State Supplements and Amendments. All code sections cited refer to this code unless otherwise stated.

(Local Jurisdiction Name)

DATE:	INSPECTOR:
LOCATION:	Permit #:
	CLIMATE ZONE: <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
COMPLIANCE PATH: (Must use one or more)	*Regardless of the compliance path chosen, all projects shall comply with sections labeled (Mandatory) in Chapter 4.
PRESCRIPTIVE: <input type="checkbox"/> Sections 402.1 through 402.3 <input type="checkbox"/> REScheck/UA Alternative ➤ Compliance report on file: <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> PERFORMANCE: (Section 404) Software used: _____ (REMRATE, Energy Gauge or other approved) ➤ Compliance report on file: <input type="checkbox"/> Yes <input type="checkbox"/> No

BUILDING THERMAL ENVELOPE

AIR LEAKAGE:

- ✓ Compliance with Section 402.4 'Air leakage' is mandatory, regardless of the compliance path chosen.
- ✓ Verify that each component is durably sealed to limit infiltration. Refer to Appendix A, 'Air Sealing Key Points' of the 2008 Georgia Amendments for further information.

	COMPONENT	COMPLIANCE			NOTES
		YES	NO	N/A	
1	All joints, seams and penetrations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	Site-built windows, doors and skylights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	Window and door rough openings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	Utility penetrations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	Dropped ceilings or chases adjacent to the thermal envelope	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	Knee walls (attic side air barrier)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	Walls and ceilings separating a garage from conditioned spaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	Behind tubs and showers on exterior walls (CZ-4 only)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	Common walls between dwelling units	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	Other sources of infiltration:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

INSULATION:

- ✓ For the Chapter 4 'Residential Energy Efficiency' prescriptive compliance path, use Table 402.1.1 of the 2008 GA Amendments to the 2006 IECC to verify compliance.
- ✓ For the REScheck/ UA Alternative compliance path, verify using the 'Georgia' REScheck Compliance Certificate and REScheck Inspection Checklist.
- ✓ For the performance compliance path verify using the compliance report from the energy modeling software (REMRATE, Energy Gauge or other approved.)
- ✓ Verify that each component meets the minimum R-value based on the above compliance path.

	COMPONENT	COMPLIANCE			NOTES
		YES	NO	N/A	
1	Flat ceiling/roof	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	R-value:
2	Slope/ vault ceiling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	R-value:
3	Exterior wall	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	R-value:
4	Attic kneewall	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	R-value:
5	Basement stud wall	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	R-value:
6	Basement wall continuous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	R-value:
7	Crawlspace stud wall	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	R-value:
8	Crawlspace wall continuous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	R-value:
9	Cantilevered floor (insulation must in contact with sub-floor above)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	R-value:
10	Foundation slab	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	R-value:
11	Floor over unconditioned spaces (insulation in contact with sub-floor above)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	R-value:
12	Above grade mass wall	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	R-value:
13	Other insulation:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	R-value:

FENESTRATION:

- ✓ Verify that the fenestration component meets the minimum requirements based on the compliance path chosen.

	COMPONENT	COMPLIANCE			NOTES
		YES	NO	N/A	
1	Window U-factor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	U:
2	Window SHGC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SHGC:
3	Skylight U-factor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	U:
4	Skylight SHGC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SHGC:
5	Glazed door U-factor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	U:
6	Opaque door U-factor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	U:
7	Other fenestration:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

FINAL INSPECTION

DATE:

INSPECTOR:

✓ Verify the following items at the final inspection.

	REQUIREMENT	COMPLIANCE			NOTES
		YES	NO	N/A	
1	Georgia Residential Energy Code Compliance Certificate is completed and posted on or near the air handler or electrical distribution panel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	Recessed lighting installed in the building thermal envelope is IC-rated and labeled as meeting ASTM E283 or sealed/gasketed to prevent air leakage to unconditioned space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	Exterior doors are weather stripped	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	Attic kneewall doors are weather stripped and insulated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	Attic pull down stairs are weather stripped and insulated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	U-value or R-value:
6	Hatches/scuttle holes are weather stripped and insulated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	U-value or R-value:
7	Other items not verified during previous inspections:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	