

Georgia Residential Energy Code Compliance Certificate*

Builder/Design Professional: _____

Phone: _____

Envelope Summary:

- List the R-Value for the following components:

Flat ceiling/roof: _____
 Exterior wall: _____
 Attic kneewall: _____
 Basement stud wall: _____
 Crawlspace stud wall: _____
 Foundation slab: _____
 Cantilevered Floor: _____

Sloped/vault ceiling: _____
 Above grade mass wall: _____
 Attic kneewall sheathing: _____
 Basement continuous: _____
 Crawlspace continuous: _____
 Floors over unconditioned space: _____
 Other insulation: _____

- Fenestration Components:

Window U-factor: _____
 Skylight U-factor: _____
 Glazed Door U-factor: _____

Window SHGC: _____
 Skylight SHGC: _____
 Opaque Door U-factor: _____
 (<50% glazed)

- Building Envelope Tightness (BET):

BET test conducted by: _____ Phone: _____

Fan Flow at 50 Pascals = _____ CFM₅₀ Total Conditioned Volume = _____ ft³

ACH₅₀ = CFM₅₀ x 60 / Volume = _____ ACH₅₀ (must be less than 7 ACH₅₀)

Low Rise Multifamily Visual Inspection Option

(The visual inspection option may be conducted by a third-party instead of the BET test for R-2 buildings only.)

Visual inspection conducted by: _____ Phone: _____

Mechanical Summary:

Water Heater Energy Factor: _____ Ef Fuel type: Gas Electric Other

Number of Heating and Cooling Systems: _____

Heating System Type (choose one):

Gas: _____ AFUE Air-Source Heat Pump: _____ HSPF
 Other: _____ Efficiency: _____

Cooling System Type (Standard DX, Heat Pump, Geothermal, etc.): _____

Cooling System Efficiency: _____ SEER EER Other

Heating/Cooling Load Calculations Performed by: _____ Phone: _____

Total Heating Load (Based on ACCA Man. J or other approved methodology): _____ Btu/h

Total Cooling Load (Based on ACCA Man. J or other approved methodology): _____ Btu/h

Cooling Sensible Load: _____ Btu/h Cooling Latent Load : _____ Btu/h

Total Air Handler CFM (based on design calculations): _____ CFM

Duct Tightness Test Conducted by: _____ Phone: _____

CFM₂₅ per 100 ft² of conditioned floor area = CFM₂₅ x 100 / Conditioned floor area served

If all ducts are not located within conditioned space, builder must verify that either the postconstruction duct leakage to outdoors (PCO) is ≤ 8 cfm/100 ft², the post construction total duct leakage (PCT) is ≤ 12 cfm/100 ft², or the rough-in test (RIT) with air handler installed is ≤ 6 cfm/100 ft². State which method was used to conduct the duct tightness test:

duct blower (DB), modified blower door subtraction method (MBDS), or automated multipoint blower door (AMBD).

System	Method (DB, MBDS, AMBD)	Test (PCO, PCT, RIT)	CFM ₂₅	Area served (ft ²)	Test Result
1					
2					
3					

*Note: This permanent certificate shall be posted on or in the electrical distribution panel. Certificate shall be completed by the builder or registered design professional. Where there is more than one value for each component, certificate shall list the value covering the largest area.