Forsyth County Department of Planning & Community Development
110 E. Main Street, Suite 100 | Cumming, Georgia 30040 | (770) 781-2115 | forsythco.com

Georgia Residential Energy Code Compliance Certificate*

Subdivision: _____ Address: _____ Lot#: _____
Builder/Design Professional: _____ Phone: _____

Envelope Summary:

- List the R-Value for the following components:

Flat ceiling/roof: _____ Sloped/vault Ceiling: _____
Exterior wall: _____ Above grade mass wall: _____
Attic kneewall: _____ Attic kneewall sheathing: _____
Basement stud wall: _____ Basement continuous: _____
Crawlspace stud wall: _____ Crawlspace continuous: _____
Foundation slab: _____ Floors over unconditioned space: _____
Cantilevered Floor: _____ Other insulation: _____

- Fenestration components:

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

- Building Envelope Tightness (BET):

BET test conducted by: _____ Phone: _____
Fan Flow at 50 Pascals= _____ CFM_{50} Total Conditioned Volume= _____ ft^3
ACH_{50}=CFM_{50}x60/Volume= _____ ACH_{50} (must be less than 7 ACH_{50})
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: _____
CFM_{25} per 100 ft^2 of conditioned floor area = CFM_{25} x 100 / Conditioned floor area served
If all ducts are not located within conditioned space, builder must verity that either the post construction duct leakage to outdoors (**PCO**) is $\leq$ 8 cfm/100 ft^2, the post construction total duct leakage (**PCT**) is $\leq$ 12 cfm/100 ft^2, or the rough-in test (**RIT**) with air handler installed is $\leq$ 6 cfm/100 ft^2. 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.