

City of Lake Charles Residential Energy Efficiency Compliance Form

Date Submitted: _____

Permit/Project # _____

Choose one compliance method:

1. _____ Total Building Performance Option (RES check accepted)
2. _____ Energy Rating Index Option (Provide third party data)
3. _____ National Green Building (Provide third party data)
4. _____ Energy Star Certification (Provide third party data)
5. _____ Prescriptive Compliance Option (Complete all that is applicable below if this method is used)

Area Insulated	R-value Required	R- Value Provided		Installed Thickness (3.5, 5.5, etc.)	Spray Foam Density (lbs./ft. ³)	Ignition Barrier Provided (Y/N)	Thermal Barrier (Y/N)
Attic roofline (under sheathing)			at	Inches			
Attic floor (above ceilings)	38		at	Inches			
Exterior Walls	13		at	Inches			
Under first floor (in crawl space)	13		at	Inches			

**Table N1102.1.2 (R402.1.2)
Maximum Assembly U-Factors^a and Fenestration Requirements**

Climate Zone	Fenestration U-Factor ^F	Skylight U-Factor	Glazed Fenestration SHGC ^{d,e}	Ceiling U-Factor	Frame Wall U-Factor	Mass Wall U-Factor ^b	Floor U-Factor	Basement Wall U-Factor	Crawl Space Wall U-Factor
2	0.40	0.65	0.25	0.030	0.084	0.165	0.064	0.360	0.477

Windows to be verified upon inspection. (Leave mfg. decals in place)

Note: 90% high efficacy lighting required.

Please provide copies of this information to contractors and sub-contractors prior to installations.

Signature: _____ Date: ____/____/____

Notice: As of 07/01/23, the City of Lake Charles is required to enforce the International Energy Conservation Code as amended by the Louisiana State Uniform Construction Code. We are also required to enforce the International Residential Code – Energy Efficiency, Chapter 11 as amended by the Louisiana State Uniform Construction Code. As a result, the City of Lake Charles will be requiring additional documents.

- Required: Documentation demonstrating energy code compliance. U Factor, (SHGC) Solar Heat Gain Coefficient), Insulation R-value, etc. at time of submittal and prior to permit issuance.
- Required: State of Louisiana Insulation Certificate posted in a utility area at the time of final building inspection.
- Required: Manuel J Form posted in a utility area at the time of final building inspection.
- Required: Residential construction – effective 07/01/24 Section N1102.4.1.2 blower door test performed by certified individual with written report submitted to the Permit Center prior to final building inspection.
- Note: Buildings complying with the ICC 700-2020 National Green Building Standard and achieving an equivalent energy performance as demonstrated by a third-party certification organization shall be deemed to exceed the energy efficiency required by this code.
- Note: Buildings receiving Energy Star Certification shall be deemed to exceed the energy efficiency required by this code.
- The permittee is responsible for requesting insulation inspections to verify compliance prior to covering insulation.
- For commercial construction COMcheck will be accepted.