

For City Use Only

Residential Energy Code Compliance Form

Builder Name _____

Builder Address _____

Builder Phone _____ Builder Fax _____

Building Address _____

Subdivision _____

Permit No. _____
Checked By _____
Date _____

Submittal Date _____

Submitted By _____

Phone _____

Choose one method of compliance:

Simplified Prescriptive Approach
(fill out remainder of form)

Systems Analysis Approach
(attach documentation such as HERS report)

Component Performance Approach
(attach documentation such as
MECcheck report)

**Participation in an approved Energy
Performance Testing Program**
(attach documentation , see below)

Continue if "Simplified Prescriptive Approach" was chosen:

Choose one:

NCTCOG Simplified Prescriptive

Insulation

	Inspection
Ceiling-Attic	R-38 _____
Ceiling-Roof	R-22 ¹ _____
Walls	R-13 _____
Floors	R-19 _____
Basement Walls ²	_____
Crawl Space	_____

Door U-factor Max 0.35 _____

Glazing Options

choose one

	Inspection
Glazing ³	Max 15% _____
U-factor	Max 0.65 _____
Solar heat gain	Max 0.40 _____
HVAC	
Split system	10.0 SEER _____
Single package	9.7 SEER _____

Glazing ³	Max 20% _____
U-factor	Max 0.65 _____
Solar heat gain	Max 0.40 _____
HVAC	
Split system	12.0 SEER _____
Single package	12.0 SEER _____

Glazing ³	Max 25% _____
U-factor	Max 0.65 _____
Solar heat gain	Max 0.40 _____
HVAC	
Split system	14.0 SEER _____
Single package	14.0 SEER _____

Base Code Simplified Prescriptive

	Inspection
R-30	_____
R-30	_____
R-13	_____
R-11	_____
R-5	_____
R-6	_____

Max 15%	_____
Max 0.65	_____
Max 0.40	_____

10.0 SEER	_____
9.7 SEER	_____

If participating in an **Energy Performance Testing Program**, list name of program here:

The proposed building represented in these documents is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the requirements of the Energy Code in the jurisdiction in which it will be built.

Builder/Designer _____ Date _____

¹ Must maintain the 1" ventilation area without compressing the insulation. May require a larger framing member. ² Exterior insulation is not permitted. ³ Area of all rough openings for glass windows and doors, measured using the inside dimensions of the rough framing dimension before any curbing, sash, trim or framing are installed; except that for doors with less than 50% glazing, it shall be the dimension of the rough opening cut in the door instead of the dimension of the entire door opening.

Inspection Schedule

At Rough Mechanical

Duct insulation

- inside the building but outside the conditioned area R-5 _____
- outside the building R-8 _____
- ducts inside the building but outside the conditioned area require a vapor retarder of 0.05 perm, or aluminum foil of 2 mils _____
- joints and seams of approved mastics, tapes or other approved material (mastic is encouraged; "duct" tape is not permitted) _____

Piping insulation

- AC line (fluid temp range 40-55 °F) 0.75" _____

At Framing

- Confirm window and door rough openings match approved plans _____
- Check glazing NFRC stickers for UF and SHGC ratings _____
- Penetrations (plumbing, electrical, HVAC, etc.) in top and bottom plates are sealed with foam or other approved sealant to prevent transfer of air with attic or under floor space _____

Insulation Inspection

(This is an extra inspection that must be called after the framing inspection and after insulation is installed, but before any gyp board is installed.)

- Check all insulation that will be concealed, e.g. wall, floor, vaulted ceiling, etc. for compliance with the R values required _____
- (Attic insulation that is accessible will be inspected at final)

Final

- Spot check electrical outlets, vents, plumbing and other envelop penetrations for sealing with caulk or bedding material _____
- Weather stripping of doors, windows or other penetrations _____
- Check HVAC equipment size, ratings and controls _____
- Attic insulation for correct R value _____

