

# ENERGY CODE REQUIREMENTS FOR BUILDING ENVELOPE AND DUCT TESTING

Property Address: \_\_\_\_\_

Lot #: \_\_\_\_\_ Subdivision: \_\_\_\_\_

Builder/Contractor: \_\_\_\_\_ Tel: \_\_\_\_\_

HVAC Contractor: \_\_\_\_\_ Tel: \_\_\_\_\_

## Building Envelope Tightness (BET)

Fan Flow at 50 Pascals = \_\_\_\_\_ CFM<sub>50</sub>      Total Conditioned Volume = \_\_\_\_\_ ft<sup>3</sup>

ACH<sub>50</sub> = CFM<sub>50</sub> X 60 / Volume = \_\_\_\_\_ ACH<sub>50</sub> (must be less than 7 ACH<sub>50</sub>)

\*NOTE – If ACH<sub>50</sub> < 5 ACH<sub>50</sub>, mechanical ventilation is required. Is mechanical ventilation provided? \_\_\_\_\_

## Duct Tightness Verification (DTV)

Unless all ductwork is located within the conditioned building envelope, one of the following must be verified:

- Post-construction duct leakage to outdoors (PCO) is ≤ 8%
- Post-construction total duct leakage (PCT) is ≤ 12%
- Rough-in total duct leakage (RIT) with air handler installed is ≤ 6%
- Rough-in total duct leakage with no air handler installed (RITnah) is ≤ 4%

% Duct Leakage Result = CFM<sub>25</sub> X 100 / Conditioned floor area served

System	Test (PCO, PCT, RIT, RITnah)	CFM <sub>25</sub>	Area Served (ft <sup>2</sup> )	Result (%)

Testing Company: \_\_\_\_\_ Date Test Performed: \_\_\_\_\_

Tester Certification: HERS [    ]      BPI [    ]      DET Verifier [    ]

Test Performed by: \_\_\_\_\_ Certification #: \_\_\_\_\_