

## Clarification of Field Evaluation Requirements for ENERGY STAR National Electric Heat package homes (Appendix E)

This memo serves to clarify the field evaluation requirements for homes built in conformance with the ENERGY STAR National Electric Heat package ([Appendix E](#), Step 8. Conduct Periodic Field Evaluations).

For 2% of multi-section homes only, third-party plant Certifiers are required to verify the prescriptive items required by the National Electric Heat package, by documentation review and/or visual inspection, including the following:

By documentation review (confirming claimed values on paperwork):

- Envelope component insulation R-values and Window U-value; or Envelope Uo-value
- Window SHGC
- Programmable thermostat
- Marriage line gasket
- Completed home record in Information Manager

By visual inspection in the field:

- Heat pump  $\geq 8.2$  HSPF / 14 SEER installed
- Presence of programmable thermostat (if possible)
- Presence of marriage line gasket (if possible)
- Properly installed crossover ducts
  - Crossover collar mechanically secured to the trunk and cannot rotate or move
  - Duct mechanically secured to the collar and cannot rotate or move
  - Crossover duct is properly cut to length, runs straight and is supported off the ground with nylon or metal straps/saddles
- Bottom board in tact
  - Bottom board penetrations are sealed with durable and permanent patch to prevent air leakage
  - Exterior duct insulation is pushed into the floor cavity and sealed with tape or foam sealant at all bottom board penetrations
- ENERGY STAR and SBRA QA labels affixed to home

Only the total number of multi-section homes complying with Appendix E requirements should be used for calculating the 2%. Single-section homes meeting Appendix E do not require field verification and should not be included in the calculation. There is no maximum whole house leakage and no maximum duct leakage requirements for homes built per Appendix E, therefore performance testing is not required during field evaluations.

SBRA wishes you and yours a very Happy Holidays!

Sincerely,  
*Andrew Dickey*



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