### Setup/Preparation

- Combustion appliances set to pilot or disabled
- Candidate explained the importance of documenting how the house was set up for diagnostic testing
- Candidate explained the importance of performing a visual inspection to determine if the site is suitable to run the diagnostics
- Candidate explained the importance of performing a field calibration of the manometer
- Registers taped or otherwise sealed
- Interior doors open
- Proper set up of the ductblaster shroud/fan
  - Securely attached to return/air handler
  - Manometer away from fan discharge

### Total Leakage

- Proper set up of the manometer
- Proper house setup for testing - At least 1 window or door open
- Proper probe placement
- Accurate CFM25 measurement

### Leakage to the Outdoors

- Proper set up of the manometer
- Proper house setup for testing - All exterior windows and doors closed
- Proper probe placement
- Proper setup of Blower Door
  - Proper set up of the blower door frame/shroud/fan
  - Proper set up of the manometer
- Correctly measured baseline pressure differential
- Proper blower door pressure differential maintained
- Accurate CFM25 measurement

### Infiltration Evaluation

Infiltration and Duct Leakage Field Guide
<table>
<thead>
<tr>
<th>Proper house set-up for testing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Correctly measured baseline pressure differential</td>
</tr>
<tr>
<td>Accurate CFM50 measurement</td>
</tr>
<tr>
<td>Calculated ACH50 given a volume of 14,300 cubic feet</td>
</tr>
</tbody>
</table>

**Analysis**

Ability to Interpret Results - 14,300 cubic feet, and 1,100 square feet of conditioned floor area

- Compared infiltration results to IECC limits
- Compared duct tightness results to IECC limits