



SM

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# Infiltration and Duct Leakage Certification FIELD GUIDE

## 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

Proper house set-up for testing

Correctly measured baseline pressure differential

Accurate CFM50 measurement

Calculated ACH50 given a volume of 14,300 cubic feet

### **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