



## Testing In & Testing Out Requirements for Certified Professionals

Testing Requirements according to BPI Building Analyst (v: 1/04/12)

Testing Required	When Required	Ref Pg.	Further Language	Ref Pg.
Pre and post blower door tests (included in workscope)	When air sealing, enclosed cavity insulation representing 15% or more of the total building shell area, or sealing of the ducts outside the thermal envelope are recommended	3	A blower door test must be completed before and after installation of any of the following measures: Attic insulation, in order to quantify improvements to the air barrier between the attic and the living space. Enclosed cavity insulation representing an area greater than 15% of the total building shell area. Air sealing. Sealing of the ductwork located outside the building envelope or significant duct modifications within the building envelope.	6
Pre and Post safety inspection of all combustion appliances (oven, worse case, spillage, draft, CO)	Whenever changes to the building envelope and/or heating system are part of the work scope	3	A preliminary and post-installation safety inspection of all combustion appliances must be completed whenever changes to the building envelope and/or heating system are part of the work scope. This inspection includes all of the following tests: carbon monoxide (CO) measurement at each appliance, draft measurement and spillage evaluation for atmospherically vented appliances, and worse-case negative pressure measurement for each combustion appliance zone (CAZ)	9
Gas Leak Detection	In homes with natural gas/propane service	3	The entire gas/propane line must be examined and all leaks repaired. Particular care should be made in the immediate vicinity of the appliances and at the joints, shutoff valves, and pilot lines. Identify leaks using a gas leak detector and accurately locate the source of the leak using a soap bubble solution.	11
Pre and Post Duct Leakage testing	When duct sealing is recommended	17	When duct sealing is recommended, the work scope must include pre and post-installation duct leakage and system airflow testing	17
Minimum Building Airflow Standard Calculation	Whenever changes to the building shell requiring a blower door test are part of the work scope	4		

\*\*"Testing Required" refers only to diagnostic testing and test equipment before and after the completion of measures detailed in the "when required" column

- Testing required refers to diagnostic testing and test equipment at the time of the completion of installations. Testing at the time of the Technical Assessment is optional.
- Minimum Air flow generally indicates AC air flow. This airflow may refer to ACH or CFM natural minimum house leakage.