

Compilation of Current Home Performance Testing Standards

Noted below are the sections of the standard which refer to the Diagnostic Test on the left

| Diagnostic Test | Typical Equipment | ACCA QH-12 | BPI-1200 | RESNET Chapter 8 | RESNET 380 |
|--|---|------------|---------------------------------|------------------|------------|
| Flue gas and CAZ CO test | CO analyzer or Combustion analyzer (May need to do COAirFree Testing) | 3.2.1 | 7.1.2 | 805 | |
| Ambient CO | Ambient CO meter | 3.2.1 | 7.1.3 | 807.5 | |
| Gas leakage test | Gas Leak Detector | 3.2.2 | 7.1.1 (NOTE 1) | 806 | |
| CAZ Depressurization test | High Resolution Pressure Gauge (Pascal Range) | 3.2.5 | 7.1.4 | 805 | |
| Combustion appliance venting | Draft meter (may be built in to Combustion Analyzer) | 3.2.6 | | | |
| Envelope Leakage | Blower door and High Resolution, Dual Channel Pressure Gauge (Pascal Range) | 3.3 | 10.2 | 802 | 3 |
| Mechanical Ventilation AirFlow | FlowHood, Powered FlowHood, Flow Box, Bag Inflation, Flow Station | 3.4 | ANNEX I | 804 | 5 |
| HVAC System AirFlow | TrueFlow® Grid, Vane Anemometer, FlowHood | 3.6 | | | |
| Distribution System Air Temperature Difference | Air Temperature Probe | 3.6.2 | 11.2.5 | | |
| Duct Leakage | Duct Leakage Tester, possibly Pressure Pan and/or Blower Door and smoke generating device, Possibly Total External Static pressure test | 3.6.3 | 11.6.2 11.6.3 (ACCA QI-5) | 803 | 4 |
| Room (Zonal) Pressure Differences | High Resolution Pressure Gauge (Pascal Range) | 3.6.4 | | | |

OPTIONAL / ADVANCED

| | | | | | |
|-------------------------------|---|------|---------------|--|--|
| Insulation | Thermal Camera (to detect non-uniformities) | 3.5 | | | |
| Moisture | Moisture Meter (to evaluate suspect areas) | 3.9 | 9 (BPI 1100) | | |
| Radon | Radon meter | B4.0 | | | |
| Electrical Energy Consumption | Plug load and panel meters/loggers | | 12 (BPI 1100) | | |

Based upon data published as of May 16, 2016. Not responsible for typographical errors

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NOTES

- 1 Must comply with UL913 and have LEL alarm



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