



# DUCT LEAKAGE TEST AFFIDAVIT

Permit #: \_\_\_\_\_ Address: \_\_\_\_\_

Conditioned Floor Area (s.f.): \_\_\_\_\_ Source:  Plans  Estimated  Measured

Type of Installation:  Existing Mechanical System  New Construction  Remodel / Addition

Duct Leakage Test NOT required for this residence per the exceptions listed below.

Air Handler in Conditioned Space:  Yes  No Air Handler Installed During Test:  Yes  No

Test Method:  Total Duct Leakage  Leakage To Outside

### *Maximum Allowed Duct Leakage:*

#### Existing Mechanical System

**Total Duct Leakage:** Floor Area x .08 = \_\_\_\_\_ CFM@25 Pa

**Leakage To Outside:** Floor Area x .06 = \_\_\_\_\_ CFM@25 Pa

#### New Construction / Remodel / Addition

**Post Construction/Total Duct Leakage:** Floor Area x .08 = \_\_\_\_\_ CFM@25 Pa

**Post Construction/Leakage To Outside:** Floor Area x .06 = \_\_\_\_\_ CFM@25 Pa

**Rough-In/Total Duct Leakage/Air Handler Installed:** Floor Area x .06 = \_\_\_\_\_ CFM@25 Pa

**Rough-In/Total Duct Leakage/Air Handler NOT Installed:** Floor Area x .04 = \_\_\_\_\_ CFM@25 Pa

Initial Test Result: \_\_\_\_\_ CFM@25 Pa Final Test Result: \_\_\_\_\_ CFM@25Pa

Repairs Made:  Yes  No  N/A  Not Required (Existing Systems Only)

Duct Tester Location: \_\_\_\_\_ Pressure Tap Location: \_\_\_\_\_

**RESULTS - Duct System:**  Meets Requirements  
 Does Not Meet Requirements

**I certify that these duct leakage rates are accurate and determined using standard duct testing protocol.**

Company Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Date: \_\_\_\_\_

Technician: \_\_\_\_\_ Technician Signature: \_\_\_\_\_

#### **New System Exceptions: WSEC Section 503.10.3**

1. Duct tightness test is not required if the air handler and all ducts are located within conditioned space.
2. Duct testing is not required if the furnace is a nondirect vent type combustion appliance installed in an unconditioned space. A maximum of six feet of connected ductwork in the unconditioned space is allowed. All additional supply and return ducts shall be within the conditioned space. Ducts outside the conditioned space shall be sealed with a mastic type duct sealant and insulated on the exterior with R-8 insulation for above grade ducts and R-5 water resistant insulation when within a slab or earth.

#### **Existing System Exceptions: WSEC Section 101.3.2.6**

1. Duct systems that are documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in RS-33.
2. Ducts with less than 40 linear feet in unconditioned spaces.
3. Existing duct systems constructed, insulated or sealed with asbestos.

**COMPLETED AFFIDAVIT TO BE PROVIDED AT TIME OF FINAL INSPECTION**