



## **Duct Leakage Affidavit (Existing Construction)**

Permit #:				
House address or lot number:				
City:	Zip:			
Cond. Floor Area (ft²):	Source (circle one):	Plans	Estimated	Measured
☐ Duct tightness testing is not required for this residence per exceptions listed at the end of this document				
Air Handler in conditioned space? ☐ yes ☐	] no Air Handler pres	sent during te	st? ☐ yes ☐ no	0
Maximum duct leakage (check method used):  ☐ Method 1  Total duct leakage, air handler installed: (floor area x .08) =CFM@25 Pa  ☐ Method 2  Leakage to outdoors: (floor area x .06) =CFM@25 Pa				
Test Result:CFM@25Pa Ring (circle one): Open				
Ring (circle one): Open	1 2	3		
Duct Blaster Location: Pressure Tap Location:  Method 3  The measured duct leakage shall be reduced by more than 50% relative to the measured leakage prior to the installation or replacement of the space conditioning equipment. A visual inspection including a smoke test shall demonstrate that all accessible leaks have been sealed.				
Pre-installation test result:  Post installation test result:  Post installation leakage rate must be less to	CFM@25Pa			
Company Name:	Duct Testing Tec	hnician:		
Date:	Phone Number:			
☐ Method 4  If it is not possible to meet the duct requirements of 1, 2 or 3, all accessible leaks shall be sealed and verified through a visual inspection and a smoke test by a certified third party.  I certify that these duct leakage rates are accurate and determined using standard duct testing protocol and all accessible leaks have been sealed.				
Company Name:	Certified Third Party:			Date:

Washington State Energy Code reference:

101.3.2.6 Mechanical Systems: Those parts of systems which are altered or replaced shall comply with Section 503 of this Code when a space-conditioning system is altered by the installation or replacement of space-conditioning equipment (including replacement of the air handler, outdoor condensing unit of a split system air conditioner or heat pump, cooling or heating coil, or the furnace heat exchanger), the duct system that is connected to the new or replacement space-conditioning equipment shall be sealed, as confirmed through field verification and diagnostic testing in accordance with procedures for duct sealing of existing duct systems as specified in the RS-33, to one of the following requirements.

Exceptions: 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.