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New York Residential Duct and Envelope Tightness (DET) Compliance Certificate

House Addre	ess:		Permit #:	Date:					
Builder/Des	ign Prof.:		Phone:						
Project Name:									
I. Building Envelope Tightness Test Results (Mandatory):									
Single Family:	BET test conducted by: Fan Flow at 50 Pascals = ACH50 = CFM50 x 60 / Volume	CFM ₅₀ T	otal Conditioned Volume =	ft3					
Multi-Family:	BET test conducted by: Fan Flow at 50 Pascals = ACH50 = Total Envelope ft ² / 10	CFM ₅₀ T 0 x .3 =	Phonotological Envelope ft ² = ACH ₅₀ (<=.3CFN	ne:ft3 ft ² Envelope @50 pa)					
NAME and BPI or HERS/RESNET Certification for Energy Professional conducting test #(s): Name: BPI or HERS Cert # Visual Inspection (Mandatory – Attach Checklist) Visual inspection conducted by:									
II. Test Results for Total Duct Leakage (Not Required if all ducts are located within conditioned space) Test Method: 1 2 3 Conditioned Floor Area =									
2. Rough	-in without Air Handler:	CFM ₂₅ of Actual Duct Loss; (Must be <= Cond Floor Area/100 x 4 CFM₂₅) CFM ₂₅ of Actual Duct Loss; (Must be <= Cond Floor Area/100 x 3 CFM₂₅) CFM ₂₅ of Actual Duct Loss; (Must be <= Cond Floor Area/100 x 4 CFM₂₅)							
<i>Notes:</i> - CFM ₂₅ pe - This chec	I or HERS/RESNET Certification for 100 ft ² of conditioned floor area = Conklist/certificate shall be provided to the cal Ventilation Mandatory - Section 403	nditioned floor are e code official and	ea / 100 x Required CFM ₂₅	Name:BPI or HERS Cert #ssional.					

III. Where to find Certified DET Providers:

- a. Building Performance Contractors Association NYS: http://www.home-performance.org/members/directory/search.aspx (HERS Raters and BPI certified contractors)
- b. Northeast HERS Alliance (NEHERS) website http://www.nehers.org/
- c. Building Performance Institute (BPI) website http://www.bpi.org/
- d. Generally accepted requirements for providers:

Whole house air leakage (Blower Door) and duct leakage (Duct Blaster) testing shall be completed by, and certification provided to the code enforcement official, by an individual holding one or more of the following qualifications:

- i. Home Energy Rating System (HERS) Raters certified by HERS / the Residential Energy Services Network (RESNET); OR,
- ii. Relevant Building Analyst, IDL, HVAC, A/C Heat Pump or Envelope Professional certified by the Building Performance Institute (BPI); OR,
- iii. Successful completion of an apprentice training program in the appropriate trade; OR,
- iv. Other nationally recognized certification or designation approved by the jurisdictional Code Official.

Duct testing remains applicable only when ducts are not contained completely within the Building thermal envelope. Duct leakage testing shall be completed by, and certification provided to the code enforcement official, an individual holding these proper certifications.