

2005 ACCEPTANCE REQUIREMENTS FOR CODE COMPLIANCE

MECH-5-A

NJ.5.1 Air Distribution Acceptance Document

(Part 1 of 3)

PROJECT NAME	DATE	TELEPHONE
PROJECT ADDRESS		_____ Checked by/Date Enforcement Agency Use
TESTING AUTHORITY		
AIR DISTRIBUTOR NAME / DESIGNATION	PERMIT NUMBER	

Intent: New single zone supply ductwork shall not exceed a 6% leakage rate per §144(k) or §149Di, existing single zone ductwork shall not exceed 15% leakage or other compliance path per §149Dii or §149E.

Construction Inspection

1 Scope of test – New Buildings – this test required on New Buildings only if all checkboxes 1(a) through 1(c) are checked

Existing Buildings – this test required if 1(a) through 1(d) are checked
 Ductwork conforms to the following (note if any of these are not checked, then this test is not required):

<input type="checkbox"/>	1a) Connected to a constant volume, single zone air conditioners, heat pumps, or furnaces
<input type="checkbox"/>	1b) Serves less than 5000 square feet of floor area
<input type="checkbox"/>	1c) Has more than 25% duct surface area located in one or more of the following spaces
	- Outdoors
	- A space directly under a roof where the U-factor of the roof is greater than U-factor of the ceiling
	- A space directly under a roof with fixed vents or openings to the outside or unconditioned spaces
	- An unconditioned crawlspace
<input type="checkbox"/>	1d) A duct is extended or any of the following replaced: air handler, outdoor condensing unit of a split system, cooling or heating coil, or the furnace heat exchanger.

2 Instrumentation to perform includes:

a. Duct Blaster

3 Material and Installation. Complying new duct systems shall have a checked box for all of the following categories a through f.

a. Choice of drawbands (check one of the following)	
<input type="checkbox"/>	Stainless steel worm-drive hose clamps
<input type="checkbox"/>	UV-resistant nylon duct ties
<input type="checkbox"/>	b. Flexible ducts are not constricted in any way
<input type="checkbox"/>	c. Duct leakage tests performed before access to ductwork and connections are blocked
<input type="checkbox"/>	d. Joints and seams are not sealed with cloth back rubber adhesive tape unless used in combination with Mastic and drawbands
<input type="checkbox"/>	e. Duct R-values are verified R-8 per 124(a)
<input type="checkbox"/>	f. Ductwork located outdoors has insulation that is protected from damage and suitable for outdoor service

Certification Statement

I certify that all statements are true on this MECH-5-A form including the PASS/FAIL Evaluation. I affirm I am eligible to sign this form under the provisions described in the Statement of Acceptance on form MECH-1-A

Name:		
Company:		
Signature:		Date: