### 2005 ACCEPTANCE REQUIREMENTS FOR CODE COMPLIANCE

#### NJ.5.1 Air Distribution Acceptance Document

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<th>Project Name</th>
<th>Date</th>
<th>Telephone</th>
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<tr>
<th>Project Address</th>
<th>Testing Authority</th>
<th>Air Distributor Name / Designation</th>
<th>Permit Number</th>
<th>Checked by/Date</th>
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**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):
     - 1a) Connected to a constant volume, single zone air conditioners, heat pumps, or furnaces
     - 1b) Serves less than 5000 square feet of floor area
     - 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
     - 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)
     - Stainless steel worm-drive hose clamps
     - UV-resistant nylon duct ties
   - b. Flexible ducts are not constricted in any way
   - c. Duct leakage tests performed before access to ductwork and connections are blocked
   - d. Joints and seams are not sealed with cloth back rubber adhesive tape unless used in combination with Mastic and drawbands
   - e. Duct R-values are verified R-8 per 124(a)
   - 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

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