
	<b>BUILDING DEVELOPMENT POLICIES AND PROCEDURES RESIDENTIAL INSPECTIONS MECHANICAL/GAS</b>	<b>Effective Date:</b> <b>July 1, 2009</b>
		<b>Supersedes Policy Dated:</b> <b>September 1, 2006</b>
	<b>4.4.2 Duct Inspections</b>	<b>Issued by:</b> <b>Eric M. Mays, P.E.</b>  <b>Building Official</b>

During the Residential Combination Close-In Inspection, Inspectors will conduct a comprehensive evaluation of the submitted [HVAC Certified Load Calculations](#) (CLC) form. The evaluation will be based on the standard 0.10 inch water column pressure for supply ducts, 0.08 inch water column pressure for return ducts, and the International Residential Code.

If the mechanical duct design does not comply with these standards, a duct layout plan designed to maintain proper air volume to all registers, signed by the Master Mechanical Contractor that signed the [HVAC Certified Load Calculations](#) (CLC) form, must be provided at the time of Residential Combination Close-In Inspection.

When duct system sizing is not consistent with the criteria set fourth in this policy, the mechanical contractor will be required to supply a duct layout plan, signed by the Mechanical Master that previously signed the [HVAC Certified Load Calculations](#) (CLC) form.

**Attachments/Hyperlinks:**

- [HVAC Certified Load Calculations](#) (CLC) form  
[www.pwcgov.org/eBuildingDevelopmentForms/forms/HVACCertifiedLoadCalculations.pdf](http://www.pwcgov.org/eBuildingDevelopmentForms/forms/HVACCertifiedLoadCalculations.pdf)