

Professional Engineer Duct Design Submittal (October 2011)

The following document must be completed by the licensed Professional Engineer who completed the “duct design” in order for Southface to verify a project as complying with green building program requirements. Please attach a copy of the duct layout(s) and calculations to this document. In addition, the certification program may have supplementary testing and verification protocols to meet program requirements.

I, _____, a licensed Professional Engineer in the State/Commonwealth of _____, hereby declare that the project at the following address, _____ (referred to herein as the “Project”), meets all of the prescriptive requirements listed below.

Please identify the ASHRAE duct design methodology and the number of distribution systems used in this Project:

Initial next to each statement below:

- _____ The forced air distribution system(s) is sized based on an ASHRAE-approved room-by-room “load calculation” method.
- _____ The total effective lengths (TEL) for the longest supply and return ducts were calculated per system.
- _____ Available static pressure was acquired from original equipment manufacturer’s data per system.
- _____ Pressure losses across specified filter, coil, dampers, grilles and registers were calculated per system.
- _____ Design meets the target airflow rates for each register in every room.

Signature

State and License Number

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Disclaimer:

Southface does not verify that the data provided to Southface by the person executing this document is correct or complete. The sole purpose of this review is to determine compliance with the green building program requirements. Southface makes no representations or warranties concerning the HVAC systems, including but not limited to its ability to provide sufficient heating, cooling, ventilation and dehumidification for this Project.