

Lance D. Schonour

Designer/Project Manager

2003 to Present

**Progressive Engineering
& Design**

1445 Limekiln Pike
Dresher, PA 19025
215-643-7152

Responsible for mechanical and plumbing design and project management. Projects and clients of Progressive include commissioning and balancing of two Class 100 clean rooms for Arrow International in Chihuahua, Mexico. Project manager for the design of an HVAC system replacement at Centre Square, two 40 story buildings in Philadelphia, PA. Assisted in the design of a rooftop unit replacement project for the Philadelphian, a 20 story 750 unit condominium in Philadelphia, PA. Responsible for balancing airside and waterside HVAC systems.

Certificates of Achievement in the following:

ASHRAE Basic School of HVAC Design

Computer Programs:

AutoCAD 2007, Word, Excel, Elite Load Calculations, Adobe Photoshop. Other software programs that interact with test instruments.

Commissioning and Balancing Experience:

Assisted in the commissioning and balancing on several projects. Responsible for using instrumentation and generating balancing reports. Experience includes using the following instruments:

- Ultra-sonic flow meter for chilled water and condenser water studies
- Hot wire anemometer for measuring air velocity
- Pitot tube with inclined manometer for measuring air pressure and velocity
- Flowhood for measuring airflow quantities through diffusers
- Tachometer strobe light for measuring fan speed
- Electronic humidity and temperature instruments
- Recording Amprobe to track electrical usage