

# Daniel H. Schaible

## Senior Mechanical Designer

### 1999 to Present

#### Progressive Engineering & Design

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

Responsible for mechanical and plumbing design. Projects and clients of Progressive include evaluation of process utilities for Food Processing International and a subsequent redesign. Design of custom evaporative cooling HVAC units for a gas-turbine power plant and supporting buildings in Doha, Qatar. Chiller plant study and evaluation for Mascaro Inc. corporate headquarters. Evaluation of HVAC systems for an Arrow International Pharmaceuticals manufacturing facility in Chihuahua, Mexico.

Certificates of Achievement in the following:

AutoCAD R14  
ASSE Plumbing Design  
ASHRAE Basic School of HVAC Design

#### Computer Programs:

AutoCAD R14, AutoCAD 2007, Word, Excel, Elite Load Calculations, , Quickbooks Pro 2006, Adobe Photoshop, SiteSpinner Web Software, Other software programs that interact with test instruments.

#### Survey and Evaluation Experience:

Performed many studies and evaluations of existing HVAC systems using our extensive inventory of equipment. Responsible for collecting data, generating charts and graphs, and writing reports of findings and recommendations. Experience includes using the following instruments:

- Data logger (with icon based programming)
- 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