

## Course Title: ENTECH/TSFEE BPI BUILDING ANALYST & ENVELOPE PROFESSIONAL COMBO TRAINING

**Description:** This is a very intensive 5 day class including all the training necessary to challenge both the BPI Building Analyst and BPI Building Envelope professional certifications. Class is a combination of classroom, field work and homework. Students should expect to spend several hours each night in study.

**Prerequisite:** Because of the intense nature of this class it is limited to students with solid background in the home performance trade or other similar experience. In light of the concentrated nature of the curriculum, **students must be pre-screened prior to registration.** Class size is limited to 6 to provide individual attention.

Contact Mark Schappert [mschappert@tsfee.com](mailto:mschappert@tsfee.com) 203-759-3800 Ext. 5054 to learn more about pre-screening.

### Class and testing dates:

Class runs 5 days. Typically Mon-Fri. Test dates are the following week. Written testing is done as a group. Written testing days start with a 2 hour review session immediately before the test. Written review and testing may take 4-5 hours the day of testing.

Field tests are one on one with the proctor and are scheduled after the class starts. Depending on class size, this date may be several days after the written test.

We try to meet the scheduling needs of all our students, as many of you are needed back in the field as soon as possible. Because of potential uncertainty with the time of the written and field test days, please contact Mark Schappert [mschappert@tsfee.com](mailto:mschappert@tsfee.com) 203-419-5054 for exact scheduling prior to class date.

### Classroom portion of Building Analyst /Envelope training covers but is not limited to:

- Principles of Energy and Building Science
- The Energy Audit Process
- Building Shell and Thermal Envelope
- Airflow Basics
- Moisture Management
- Air Quality
- Combustion Safety and CO Monitoring
- Building Systems: HVAC, Lighting, Appliances, and DHW
- Diagnosing Common Building Problems
- Blower Door Testing
- Combustion Testing and Safety
- Health and Safety
- Moisture Diagnostics
- Treating the Thermal Envelope
- Insulation Techniques and Installation Standards
- Air Sealing Installation Standards
- Exterior Pressure Boundary
- Advanced Pressure Diagnostics
- Forced Air Distribution System Overview

### Field portion of Building Analyst / Envelope training covers but is not limited to:

- Combustion Testing and Safety
- Zonal pressure testing
- Pressure Pan testing
- Building Systems: HVAC, Lighting, Appliances, and DHW
- Diagnosing Common Building Problems
- Blower door setup and testing procedures
- Ambient Carbon Monoxide detector
- Manometer
- Natural gas detector
- Flue gas detector

### Program Also Includes:

- Quizzes and review
- 40 hours of classroom/field training
- BPI Building Envelope Professional 2-hour proctored written exam
- BPI Building Analyst 2-hour one-on-one proctored field exam
- BPI Building Envelope Professional 2-hour one-on-one proctored field exam

[www.TSFEE.com](http://www.TSFEE.com)

---

**Location:**

Classes are held at 145 Railroad Hill, Waterbury, CT

**Tuition:**

\$2400.00, full payment due at time of registration. Price includes Price for courses held at The School for Energy Efficiency.

**Registration Policy:**

Registrations are not complete until ENTECH receives payment in full. The registrant understands that after the registration deadline for each class there will be NO refunds, as after the registration deadline ENTECH is obligated to the contractor for the services. The registrant may cancel a paid registration and receive a full refund if the cancellation is made on or before the registration deadline. ENTECH reserves the right to cancel any class at the registration deadline if there are not sufficient numbers of registrants to run the class.

**To register:** Contact Kate Lennon at [kate@entechtraining.org](mailto:kate@entechtraining.org), or call toll free 1-866-521-4272

To review our calendar of upcoming classes, CALENDAR at [www.tsfee.com](http://www.tsfee.com)

Call Mark Schappert [mschappert@tsfee.com](mailto:mschappert@tsfee.com) 203-419-5054 for more information.