



City of Amarillo 2012 Training Series #18



Blower Door and Duct Testing Certification

Program: Performance Verification Technician – New Home (PVT-NH)

Length of Seminar: Three days January 29th – 31st Tues.-Thurs. 8:00 am – 5:00 pm
*****Class size is limited to 18 students*****

Description:

This course is designed for all individuals interested in becoming certified energy efficiency measurement and verification professionals, verifying the performance characteristics of a new home. This certification is recognized by the following cities or regional governmental agencies for showing proficiency in performing the required Blower Door and Duct Leakage Testing per the 2009/2012 International Residential Code, Chapter 11 and International Energy Conservation Code for residential structures.

They include:

- City of Amarillo
- North Central Texas Council of Governments (NCTCOG)
- All cities who have adopted the NCTCOG Amendments to the 2009 or 2012 IECC
- San Antonio

Objectives:

Performance Testing:

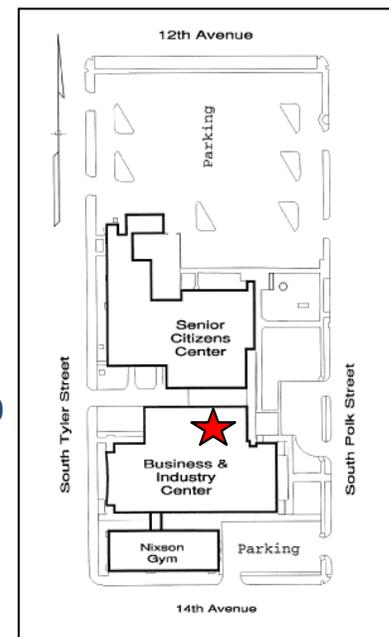
- Blower Door ASHRAE 119 (RESNET Modified)
- 2009-2012 IRC / IECC Requirements
- Troubleshooting and Diagnostics
- Duct Blower ASHRAE 152 (RESNET Modified)
- 2009-2012 IRC / IECC Requirements
- Troubleshooting and Diagnostics

Cost: **Non-Member \$699.00 Texas HERO Member \$629.00**

When: **January 29th – 31st Tues.-Thurs. 8:00 am – 5:00 pm**

Where: **Amarillo Collage Polk St. Campus
1314 Polk Street, Amarillo Tx. - Class Rm. 112B**

Registration: You can register at www.TXHERO.org



Texas HERO is a non-profit organization that exists to promote higher standards of performance quality for energy raters, energy auditors, and home performance professionals, by providing technical expertise, certification and standards development, training, tools and quality assurance for industry stakeholders interested in high performing new and existing homes and buildings.

Performance Verification Technician - New Home (PVT-NH)



Course Description:

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- San Antonio

This course is designed to teach you the basics of **new home performance verification**, including what equipment to use, when to use it, and how to interpret the readings. Although basic Blower door and Duct Blower training is included, this could be considered an advanced level course.

The course is three days in length. Day 1 and 2 are a mix of lecture and practical application. Day 3 you will be required to take a written exam (50 Questions) and complete a practical exam in the presence of the trainer.

The course will cover:

Performance Testing:

- Blower Door ASHRAE 119 (RESNET Modified)
- 2009-2012 IRC / IECC Requirements
- Troubleshooting and Diagnostics
- Duct Blower ASHRAE 152 (RESNET Modified)
- 2009-2012 IRC / IECC Requirements
- Troubleshooting and Diagnostics

Equipment You Will Learn About:

- Blower Door (Energy Conservatory (EC)/Retrotec (R))
- Duct Blower (Duct Blaster (EC) /Ductester (R))
- Manometers (DG - 700(EC) / DM 2 (R))

Certification Requirements:

1. Complete exam with a passing score of 80% or better,
2. Complete a practical exam on day 3.
3. Correctly submit test results with photos from 5 homes to a Texas HERO QAD (Must be completed within 180 Days of passing the written exam, Failure to do so will result in loss of class credit.)
 - 5 Blower Tests
 - 5 Duct Tests

The certification is valid for three (3) years and will require additional Continuing Education Credit within the 3 year period. Additional Quality Assurance requirements apply at an additional cost.

Participants will receive wallet card photo ID upon successful completion of certification requirements and will be listed on the Texas HERO site under certified individuals.

Non - Member-\$699.00

Texas HERO Member –\$629.00

For More Information Go To WWW.TXHERO.ORG





The ENERGY CONSERVATORY

DIAGNOSTIC TOOLS TO MEASURE BUILDING PERFORMANCE

Price List for US and Canada (August 2012)

Minneapolis Blower Door™ System

- Model 3 110V System with Aluminum Frame and DG-700 Digital Gauge (300 - 6,300 CFM)	Price * \$2,495.00
Includes:	
- Cruise Control with Fan Control Cable.	
- TECTITE Test Analysis Software and USB Communication Cable.	
- Aluminum Frame and Nylon Panel designed to fit 8' door.	

Minneapolis Duct Blaster® System

- Series B 110V System with DG-700 Digital Gauge (10 – 1,500 CFM)	\$1,875.00
Includes:	
- Cruise Control with Fan Control Cable.	
- TECBLAST Test Analysis Software.	
- Duct Mask Register Sealing Film: - 6 rolls, 8" wide - 200' long	\$ 150.00 case
- 2 rolls, 24" wide - 200' long	\$ 175.00 case
- Duct Blaster Calibration Plate	\$ 40.00

Pressure Gauges

- Model DG-700 Digital Pressure and Flow Gauge	\$ 825.00
- Model DG-500 Digital Pressure Gauge	\$ 725.00
- Static Pressure Probe	\$ 25.00
- Digital Gauge Extension Tube	\$ 8.00

Air Flow Metering Devices

- True Flow Air Handler Flow Meter (365 - 2,100 CFM)	\$ 800.00
- Exhaust Fan Flow Meter (10 - 120 CFM)	\$ 150.00
- FlowBlaster™ Capture Hood Attachment with Battery Powered Controller (10 – 300 CFM)	\$1,100.00

Infrared Cameras

- FLIR I7 with QuickReport™ Software & Carrying Case	\$1,995.00
- FLIR E30bx with FLIR Tools™ Software & Carrying Case	\$2,995.00
- FLIR E40bx with FLIR Tools™ Software & Carrying Case	\$3,995.00
- FLIR E50bx with FLIR Tools™ Software & Carrying Case	\$5,995.00
- FLIR E60bx with FLIR Tools™ Software & Carrying Case	\$7,995.00

Training and Sales Aids

- TEC Trainer Test Demonstration Enclosure	\$1,200.00
- Sales and Marketing Aids:	
- Home Health & Comfort consumer brochure	\$ 0.65
- Home Health & Comfort consumer DVD (11 min)	\$ 15.00

Blower Door Accessories

- Ring C for Model 3 Fan (for measuring flows between 85 - 300 CFM)	\$ 70.00
- Replacement Aluminum Frame	\$ 425.00
- Replacement Nylon Panel	\$ 140.00
- Aluminum Frame Extension Kit (provides extra 6" of frame height for older frames)	\$ 40.00
- Replacement Fan Speed Controller (110V)	\$ 160.00
- Fan Control Cable	\$ 10.00
- USB Communication Cable	\$ 10.00
- Blower Door Fan Cases:	
- zippered Cordura fan case	\$ 125.00
- padded zippered Cordura fan case	\$ 300.00
- Pressure Pan:	
- 12"x14"x4"	\$ 75.00
- 22"x22"x2"	\$ 95.00
- Smoke Puffer	\$ 60.00
- Colored Hose Kit for Pressure Diagnostics (195' of hose in 5 colors, connectors, probe)	\$ 80.00

Automated Performance Testing (APT) System

- Data Acquisition Box with Data Logging Software and 9 Pin Serial Cable:	
- APT-3 (3 pressure, 8 analog channels)	\$2,050.00
- additional pressure channels (up to 8 total)	\$ 200.00 ea
- CO Sensor (0 to 2,000 ppm)	\$ 275.00
- Temperature Sensor (-40 °F to 212 °F) or Relative Humidity Sensor (0 to 100%)	\$ 60.00
- Laptop Computer Stand	\$ 130.00

* Prices are U.S. Dollars and do not include shipping and handling charges. VISA/MC accepted.



The ENERGY CONSERVATORY

DIAGNOSTIC TOOLS TO MEASURE BUILDING PERFORMANCE

Commercial System Price List for US and Canada (August 2012)

Minneapolis Blower Door™ Systems

Price *

- Model 3 Two Fan System:	\$5,057.50
▪ 2 Model 3 (110V) Fans with Variable Speed Controllers, Flow Rings A and B, and Fan Caps.	
▪ 2 DG-700 Pressure and Flow Gauges with Mounting Boards and Fan Control Cables.	
▪ Commercial Aluminum Frame with 2 Cross-bars and Carrying Case (max height 96", max width 48").	
▪ 1 Two-Hole Commercial Nylon Panel for Door Opening.	
▪ 1 Accessory Case to hold Gauges, Manuals, Tubing and other items.	
▪ TECTITE Express and TECLOG2 Software.	
- Model 3 Three Fan System:	\$7,185.00
▪ 3 Model 3 (110V) Fans with Variable Speed Controllers, Flow Rings A and B, and Fan Caps.	
▪ 3 DG-700 Pressure and Flow Gauges with Mounting Boards and Fan Control Cables.	
▪ Commercial Aluminum Frame with 3 Cross-bars and Carrying Case (max height 96", max width 48").	
▪ 1 Three-Hole Commercial Nylon Panel for Door Opening.	
▪ 2 Accessory Cases to hold Gauges, Manuals, Tubing and other items.	
▪ TECTITE Express and TECLOG2 Software.	
- Accessories for Multi-Fan Testing:	
▪ Eight-Port DB-9 RS232 to USB Adapter Hub. This device provides 8 separate RS232 communication ports through a single USB connection to a laptop computer.	\$ 325.00
▪ CAT5 to DB-9 Adapters (male).	\$ 2.50
▪ CAT5 to DB-9 Adapters (female).	\$ 2.50
▪ Commercial Nylon Panel (max height 96", max width 48").	
- Single Hole Panel.	\$ 140.00
- Two Hole Panel.	\$ 150.00
- Three Hole Panel.	\$ 165.00
▪ Commercial Aluminum Frame (max height 96", max width 48").	
- 2 cross bars.	\$ 475.00
- 3 cross bars.	\$ 525.00
▪ Nylon Fan Cap.	\$ 30.00
▪ Re-Usable Fan Shipping Box.	\$ 75.00

* Prices are U.S. Dollars and do not include shipping and handling charges. VISA/MC accepted.

SHOP BY CATEGORY



Shop By Brand

Anemometers / Air Flow

Blower Doors

Books/Education

Borescopes - All types

Carbon Monoxide Detectors

Clamp Meters

Clearance

Combustible Gas Leak Detectors

Combustion Analyzers

Confined Space Kits

Distance Meters

Duct Testers

Earth Ground Testers

Electrical Scopes

Electrical Testers

Energy Auditor Tool Kits

Flow Hoods

Gas Detectors

Glass, Window and Film Test Meters

You are here: [Home](#) > [Duct Testers](#)

[Click Here](#) To Download an InspectorTools brochure for Building Performance and Energy Auditor Tools.

Sort By: Price: Low to High [GO](#)

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Retrotec Duct Tester Training Rig - Duct Simulator Case with Grill *Trainers - save **25% off this item! Please Call for Details***
Our Price: \$500.00



Minneapolis Duct Blaster® System Series B Without Gauge - DUCT-WOG
Our Price: \$1,125.00



Retrotec DU200 Duct Tester Digital Duct-Testing System w/Automatic Control (Without DM2A Gauge)
Our Price: \$1,300.00

Hygrometers

IAQ Meters

Infrared Cameras

Infrared Camera Rentals

Inspection Cameras

Inspection Kits

Insulation Testers

Leak Locators

Light Meters

Megohmmeters

Moisture Meters

Multi-Gas Detectors

Multimeters

Particle Analyzers

Pressure Pans

Power Quality Analyzers

Pressure Instruments

Refrigerant Detectors & Equipment

Scopes - Flexible type

Single Gas Detectors

Smoke Pens - Smoke Generators

Sound Meters

Specialty Instruments

SureTest Circuit Analyzers

Thermometers

Thermal Imaging

Training Courses

Tyvek Protective Wear

Ultrasonic Leak



Retrotec Blower Door & Duct Training Rig - House & Duct Simulator ****Trainers - save 25% off this item! Please Call for Details***
Our Price: **\$1,500.00**



Minneapolis Duct Blaster® System Series B - DUCTD7
Our Price: **\$1,875.00**



Retrotec DU200 Digital Duct-Testing System w/Automatic Control ****Trainers - save 25% off this System! Please Call for Details***
Our Price: **\$1,895.00**



Retrotec US1000 Blower Door & DU200 Duct-Testing combo (Free Retrotec Level 1 & 2 Training Included) ***Free BPI Online Training Program with purchase!***
Our Price: **\$3,985.00**



Retrotec US1000 Blower Door & DU200 Duct-Testing combo (Free Retrotec Level 1 & 2 Training Included) ***Trainers - save 25% off this System!***
Our Price: **\$4,690.00**

Detectors

VOC Detectors

Voltage Testers

Water Test Kits

Wire Tracers

Xtend & Climb Ladders

ZipWall



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