

Health and Safety / CAZ 101

COURSE DESCRIPTION

This one day hands-on course is for workers looking to sharpen their Combustion Appliance Zone (CAZ) testing skills and for workers looking for the basic testing skills necessary for entry-level energy auditors, crew leaders and installers in the weatherization, building home performance, and HVAC industries. The classroom portion of this course will be a review of the Building Performance Institute (BPI) standards for combustion safety test procedures for vented appliances, which covers testing of gas or oil fired forced air systems, boilers, domestic hot water heaters, gas-fired ranges and ovens. Additionally, participants will use a combustible gas leak detector to learn the proper sequence of gas leak detection and evaluation as outlined in the BPI standards. This course is approved by BPI for continuing education credits (CEUs).

NYSERDA's Workforce Development Program offers energy efficiency and building science courses through training partners across New York State. This training is recognized by the Building Performance Institute (BPI).

To register for Health and Safety / CAZ 101, contact Matthew Redmond at mredmond@nyswda.org or call 315-701-0440.

Prerequisites:

None

Schedule:

The CAZ 101 course consists of 8 hours of classroom instruction. Total CEUs per course is 3.75. Go to www.nyswda.org for more information and class schedules.

Training Topics:

- Combustion Safety Test Procedures for Vented Appliances
- Use of the Gas Leak Detector
- Use of Combustion Analyzers
- Carbon Monoxide Monitoring
- Set-up of Worst-Case Depressurization
- Testing Appliances – Spillage, Draft and Carbon Monoxide
- Identification of What Contributes to the Depressurization

