



Quality Control Inspector

This five-day IREC Accredited course provides quality control inspectors (QCI) with classroom, lab, and field-based training in effective techniques and use of tools for performing quality-based inspection and monitoring for energy efficiency upgrade projects in single family homes and small multifamily buildings up to 3 stories.

Learning modules expose attendees to best practices in site visit preparation, managing in-progress and post-construction inspection, and documentation and reporting. Training will incorporate hands-on exercises and real-world case studies that participants will analyze and problem-solve using industry-approved resources. Participants are encouraged to bring field examples from their own work experience to share during workshop discussions.

This course prepares attendees to sit for the new Home Energy Professional QCI certification exam. There are no pre-requisites for this course. However, participants will gain maximum benefit from having at least one year's work experience as a quality control inspector or energy auditor in the Weatherization Assistance Program, Home Performance Program, or a utility energy program, and from having attained BPI Building Analyst certification or equivalent.



Key Course Objectives:

In this course students will learn how to:

- Manage on-site visits and perform in-progress inspections
- Perform diagnostic testing to ensure that energy conservation measures are installed and performing properly
- Properly verify, document, and report findings



Who Should Take This Course:

This course is right for you if you:

- Are a quality control inspector
- Have experience in some aspects of construction management and quality assurance, and seek to upgrade skills for the energy efficiency industry
- Are working towards mastering the skills in the 2011 NREL Quality Control Inspector [Job Task Analysis \(JTA\)](#).



CONTINUING
EDUCATION



NYSERDA
Supported

Course Fees: Regular Fee: \$1,200

BPI Exam Fees: \$250 Written Exam \$700 Field Exam.
Pre-registration & payment required.

2015 NYSERDA Discounted Fees: \$480.00

Veterans: Free

(See NYSERDA requirements on reverse.)

Continuing Education Units: BPI: 15 AIA: 35 LU

Register online at aea.us.org/calendar.html.

Learn about our course offerings: www.aea.us.org/education.html | Contact our training department: 718.292.6733 x 8023

Association for Energy Affordability, Inc.
Main Office & Energy Management Training Center
105 Bruckner Boulevard, Bronx, NY 10454



NYSERDA Discount Eligibility: Individuals living in the New York System Benefits Charge (SBC) service territory or working for companies participating in SBC or EEPS programs are eligible for reduced tuition rates, thanks to NYSERDA support for this training. In addition, AEA will waive the student's share of the tuition fee for Veterans eligible for NYSERDA discounts who document their service.

If you are not sure whether you live in or work for a company participating in SBC or EEPS programs, or wish to provide documentation of military service, please contact our Training Department at (718) 292-6733 x8023 or email us at aeatraininginfo@aea.us.org.

Student Assessment: Students will be assessed for learning comprehension daily through class exercises, multiple-choice written tests, practical skills observations, and self-assessment tools. In order to receive a certificate of successful completion, students must attend a minimum of 75% of the training and receive a combined overall score of 70% on the end-of-course written test and practical skills observations. For successful course completion, neither the written test nor practical skills observation score can be below 50%.

Certification Testing: Students are provided with additional resources to prepare for HEP Certification as a Quality Control Inspector. Students that have met the pre-requisite requirements set forth by BPI have the option at the end of the training to take the Quality Control Inspector written exam and/or the HEP Quality Control Inspector field exam. Students must have received an approval letter from BPI prior to scheduling their written and field exams at AEA.

Health and Safety: Students are required to wear construction-appropriate footwear and clothing. Appropriate personal protective equipment (PPE) will be provided by the Training Center based on training activities. This course involves the use of heavy diagnostic equipment, entry into confined spaces, ladder use, and other physical activity. If you have a condition might prevent you from full participation, contact AEA at the number below for a confidential discussion on how we can best accommodate your needs and ensure your health and safety.

The **Association for Energy Affordability, Inc.** is dedicated to achieving energy efficiency in new and existing buildings in order to foster and maintain affordable and healthy housing and communities, especially those of low income.

Training at AEA: We provide in-person training at our learning facilities in New York City; Emeryville, CA; and Chicago. Two state-of-the-art facilities in the Bronx (NYC) provide students with a wide range of opportunities for classroom and hands-on training. AEA's Energy Management Training Center is also a working lab for innovations and developments in sustainable energy resources and renewable technology. Using our high-definition distance learning network, many AEA courses are available in multiple AEA locations and through our Weatherization Training Center partners, enabling students to learn from and interact in real time with leading national experts in areas of their specialization.

AEA educators and trainers are recognized as some of the very best in the field, with experience in energy auditing and design, work scope and specification development, retro-commissioning, project management, quality assurance, managing and developing programs, and related subjects. AEA trainers are skilled in communicating effectively with adult learners at all levels.

As one of the nation's first BPI affiliates and a National Weatherization Training Center funded the US Department of Energy, AEA has been instrumental in developing standards, curriculum and best practices that underlie the knowledge, skills and abilities workers require to achieve energy efficiency goals in buildings.



TEST CENTER

**AEA has been a BPI affiliate since 1998, and is an approved
BPI Test Center and Continuing Education Provider.**

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