

# Quality Control Inspector

A QCI is a residential energy-efficiency expert who ensures the completion, appropriateness, and quality of energy upgrade work by conducting a methodical inspection of the building and performing safety and diagnostic tests

## Job Opportunities

Careers in weatherization, heating and cooling, renewable energy, energy efficiency and more



## What does it take to be a Quality Control Inspector?

- Attention to detail
- Strong communication skills to interact with clients and co-workers
- Ability to multitask and organize
- Understanding of construction and weatherization techniques
- Obtain BPI QCI Certification

## What do you do?

- Verify installed measures/review audit run and work order
- Inspect the quality of the work of installed measures
- Ensure all cost-effective measures have been installed
- Ensure any sub-standard work is corrected
- Perform final diagnostic and health & safety testing
- Perform in-progress visits while work is occurring

## How do I become one?

### Requisites – Requirements prior to taking Core Classes

- **OSHA 10hr:** MiTEC does not offer OSHA training. [OSHA 10 Hour Course](#) can be found online.
- **LRRP:** MiTEC does not currently offer the Lead Renovation, Repair, and Painting (LRRP) training.
- **Lead Safe Work (LSW):** Offered online through MiTEC
- **Health and Safety:** Offered online through MiTEC
- **BPI Energy Auditor Certification**

### Core Classes (see CSPM 618) (Training Details/Descriptions can be viewed [here](#))

- **Diagnostic Tools for Auditors:** Required Training; Offered through MiTEC.
- **Virtual Math Prep:** Required Training; Offered through MiTEC.
- **Energy Auditor:** Required Training; Offered through MiTEC; in person learning.
- **NEAT/MHEA Data Entry:** Required Training; Offered through MiTEC; in person learning.
- **Quality Control Inspector:** Required Training; Offered through MiTEC; in person, online, and virtual learning.
- **Obtain BPI QCI Certification**

The classes listed below are all recommended but not required classes offered through MiTEC:

- **Mechanical Systems Inspection for Auditors (MSIA):** in person learning.
- **Venting and Combustion Air (VCA):** in person learning.
- **Zone Pressure Diagnostics (ZPD):** in person learning.
- **Combustion Appliance Zone (CAZ):** in person learning.
- **ASHRAE 62.2-2016:** in person or virtual learning.

## **Electives**-Optional classes that may help build knowledge, skills, and abilities

- **WX 101:** Offered through MiTEC; in person and virtual learning.
- **Air Sealing:** (Recommended but not required); Offered through MiTEC; in person learning.
- **Dense Pack Insulation:** (Recommended but not required); Offered through MiTEC; in person learning.
- **Foundation Insulation:** (Recommended but not required); Offered through MiTEC; in person learning.
- **Crew Leader:** (Recommended but not required); Offered through MiTEC; in person and virtual learning.

## **Resources**

[NREL Quality Control Inspector JTA](#)

[Quality Control Inspector | Building Performance Institute, Inc. \(bpi.org\)](#)