

Final Inspector

Course Description:

At the root of every successful completion is a comprehensive and accurate evaluation of the entire Weatherization process. From the audit, to the implementation of the work scope, and all the way through the interim and final inspection, it's all in the details.

This three-day course will detail the diagnostics, attention to detail, and the expectations of a quality Weatherization interim and final inspection.

We will detail all the diagnostic procedures for shell, mechanical, and health and safety, as well as look at the appropriateness of audit procedures and work scope effectiveness. We will explore ways to evaluate all aspects of the Weatherization process looking for opportunity to improve our product.

We will evaluate the need for an Interim Inspection and as well as site visits for crews in progress. We will identify what work meets expectations and where improvements are necessary. We will detail how to proceed with the need for additional work.

There will be a written test at the end of day three followed by a Field Skills Assessment for final completion of this course.

Prerequisites:

Successful completion of the Energy Auditor course or equivalent



Day 1

Final Inspector

- 9:00 - 9:15 am Orientation & Housekeeping
- 9:15 - 9:45 am Introduction to Quality Control
- Power Point Handout
- 9:45 -10:30 am House as a System
- Power Point Handout
- 10:30-10:45 am Break
- 10:45-Noon House as a System (continued)
- Pressure House Demonstration
 - House as a System Quiz
 - House as a System Answer Key
- 12:00-1:00 pm Lunch Break
- 1:00 – 2:15 pm Regulations and Standards
- Power Point Handout
 - Appendix A
 - Abridged 10CFR Handout
 - DOE WAP Notices
 - IHCDA Policies & Procedures Manual (other state specific documents if appropriate)
 - Indiana Field Guide (other state specific field guides if appropriate)
 - Regulations & Standards Quiz
 - Regulations & Standards Quiz Answer Key
- 2:15 – 2:30 pm Break
- 2:30 – 3:30 pm Purpose of Monitoring & Inspecting
- Power Point Handout
 - Purpose of Monitoring & Inspecting Quiz
 - Purpose of Monitoring & Inspecting Quiz Answer Key



3:30 – 4:30 pm Desk Monitoring

- Power Point handout
- Sample Client File Forms & Structure
- Review of Indiana Required Forms (other state forms if appropriate)

Day 2

9:00 – 9:15 am Day One Summary, Questions & Answers

9:15 – 10:30 am Desk Monitoring (continued)

- Hands on exercise- Students review client file A.
 - Discussion of client file review
- Hands on exercise- Students review client file B.
 - Discussion of client file review
- Desk Monitoring Quiz
- Desk Monitoring Quiz Answer Key

10:30 - 10:45 am Break

10:45 - Noon Inspector's Toolbox

- Power Point Handout
- Diagnostic Tool Demonstrations
- Inspector's Toolbox Quiz
- Inspector's Toolbox Quiz Answer Key

Noon - 1:00 pm Lunch

1:00 – 2:30 pm Building Assessment

- Power Point Handout
- Final Inspection Checklist Form

2:30 – 2:45 pm Break

2:45 – 4:00 pm Building Assessment (continued)

- Final Inspection Checklist (continued)

4:00 – 4:30 pm Interpreting Infrared

- Power Point Handout



- Interpreting Infrared Quiz
- Interpreting Infrared Quiz Answer Key

Day 3

9:00-9:15 am Day Two Review, Questions & Answers

9:15 – Noon **Building Assessment (continued)** (or alternate)

- On Site Quality Assurance Assessment
- On site Assessment Discussion

Noon – 1:00 pm Lunch Break

1:00 – 1:30 pm **Building Assessment (continued)**

- On Site Assessment Discussion (continued)
- Building Assessment Quiz
- Building Assessment Quiz Answer Key

1:30 – 1:45 pm **In-Progress Monitoring & Inspecting**

- Power Point Handout
- In-Progress Monitoring & Inspecting Quiz
- In-Progress Monitoring & Inspecting Quiz Answer Key

1:45 – 2:00 pm Break

2:00 – 3:30 pm **Report Writing**

- Power Point Handout
- Report #1 Handout
- Report #2 Handout
- Report #3 Handout
- Report #4 Handout
- Report Writing Quiz
- Report Writing Quiz Answer key

3:30 – 4:45 pm **Final Inspector Course Written Examination**



Day 3 Alternate (Use if on-site visit cancels)

9:15 - Noon Building Assessment (continued)

- **Intelligent Weatherization Video**
 - **Air sealing**
 - **Attic**
 - **Basement/crawl space**
 - **Duct work**
 - **Mobile home**
- **Intelligent Weatherization Video**
 - **Insulation**
 - **Side wall- site built/ mobile home**
 - **Attic- site built/mobile home**
 - **Site built floor/ Mobile home belly**
 - **Lead safe work practices**
- **In progress retrofit installation**
- **Class will make notes of anomalies viewed in videos**
- **Identify training needs**