# Building Assessment Quiz

# Quality Control Inspector

DISCLAIMER: This quiz is intended for use as an interim review. Distribute to students after training the associated curriculum chapter, or the next day, to refresh the lesson. Being publicly available renders this specific quiz invalid for use as a formal assessment tool for accreditation.  See Tier 2.14(b) IREC 01022 ISPQ accreditation standard.

Learning Objectives

* Explain the concepts of the air barrier and thermal boundary.
* Recognize whether appropriate energy-saving measures were installed.
* Determine whether there were missed opportunities for energy saving measures.
* Evaluate whether energy-related repairs and health and safety measures were justified.
* Judge whether installed measures meet weatherization program specifications and standards for quality workmanship.

Questions

**1**. Which of the following is *not* characterized as an incidental *or* health and safety repair?

1. Mold remediation
2. Ensuring vented appliances vent to the outside
3. Covering electrical junctions

**2**. The air barrier in most homes is made up of the:

A. Roof deck.

B. Insulation blanket.

C. Drywall.

**3**. A well-sealed air barrierplays a major role in:

1. Insulating the thermal envelope.
2. Retarding the movement of heat and moisture through the building.
3. Providing a vapor retarder.

**4**. Post-weatherization blower door numbers indicate only 50 CFM reduction. Which of these might indicate missed air-sealing opportunities?

 A. Bath fan is vented into the attic.

 B. Basement access door is not insulated.

 C. Chimney is dammed with fiberglass batt in attic

**5**. Which of the following scenarios would raise concerns that appropriate energy-saving measures were overlooked?

1. 15 windows were replaced and the wood-frames walls are all empty of insulation.
2. A moisture barrier was installed on the dirt crawl space and plumbing pipes weren’t insulated.
3. The attic was air sealed and insulated and low flow showerheads installed.