# Auditor’s Toolbox Quiz Answer Key

# Weatherization Energy Auditor – Single Family

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

By attending this session, participants will be able to:

* Identify the necessary auditing tools and equipment and their use.
* Explain the purpose of various tools used by auditors
* Recognize the importance of following manufacturer’s recommendations for care and maintenance of tools and equipment.

Questions and Rationale

**Objectives:**

* Identify the necessary auditing tools and equipment and their use.
* Explain the purpose of various tools used by auditors.

**Question:**

1. A blower door can be used for the following purposes except:

1. Finding air leakage
2. Measuring leakage.
3. Finding air pathways.

 **Rationale:**

**A** is incorrect is designed to enable the user to find leaks that enter the living space

**B** is incorrect is designed to enable the user to measure air leakage

**C** is correct because the blower door can’t see air leakage pathways in the framing of the home whereas an infrared imager can.

**Objective:**

* Recognize the importance of following manufacturer’s recommendations for care and maintenance of tools and equipment.

**Question:**

2. Combustion analyzers must be calibrated:

1. Every 2 years.
2. At regular intervals according to manufacturer recommendations.
3. Every 6 years.

**Rationale:**

**A** is incorrect because the interval can vary according to manufacturer recommendations

**B** is correct as per manufacturer recommendations

**C** is incorrect because the interval can vary according to manufacturer recommendations

**Objective:**

* Explain the purpose of various tools used by auditors

**Question:**

3. Zonal pressure diagnostics (ZPD) can help the user do any of the following except:

1. Identifying connections between the floor and wall framing.
2. Deciding how to align the air barrier and thermal boundaries.
3. Measuring refrigerator consumption.

**Rationale:**

**A** is incorrect because (ZPD) can help the user Identify connections between the floor and wall framing

**B** is incorrect because (ZPD) can help the user decide how to align the air barrier and thermal boundaries

**C** is correct because refrigerator consumption is measured with a watt meter