# Inspector’s Toolbox 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

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

Questions

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

1. Finding air leakage.
2. Quantifying leakage.
3. Determining IAQ.

**2**. Combustion analyzers must be calibrated:

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

**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.

**4**. Match the following tools to their inteded use:

**Tools**:

1. Blower door
2. Pressure pan
3. Flow meter
4. Gas sniffer
5. Combustion analyzer
6. IR camera

**Uses**:

1. Determine exhaust fan performance
2. Evaluate combustion equipment
3. Identify fuel leaks
4. Evaluate thermal performance of building envelope
5. Quantify air leakage of building
6. Evaluate duct leakage and locate leaks