

<b>Maricopa Association of Governments Building Code Amendments and Standards Manual BCAS #16</b>	
Title: <b>2012 IECC/IRC Residential Testing Protocols</b>	
Originally Reviewed by MAG Building Codes Committee: <b>1/16/2013</b>	
Updated by MAG Building Codes Committee: <b>none</b>	

## 2012 IRC

### Add Section N1102.1.2

**N1102.1.2 RESNET Testing & Inspection Protocol.** The Residential Energy Services Network (RESNET) Mortgage Industry National Home Energy Rating System Standards Protocol for third party testing and inspections shall be deemed to meet the requirements of sections N1102.4.1.1, N1102.4.1.2 and N1103.2.2 and shall meet the following conditions:

1. Third Party Testing and Inspections shall be completed by RESNET certified Raters or Rating Field Inspectors and shall be subject to RESNET Quality Assurance Field Review procedures.
2. Sampling in accordance with Chapter 6 of the RESNET Standards shall be performed by Raters or Rating Field Inspectors working under a RESNET Accredited Sampling Provider.
3. Third Party Testing is required for the following items:
  - a. N1102.4.1.1 –Building Envelope – Thermal and Air Barrier Checklist
  - b. N1102.4.1.2 –Testing – Air Leakage Rate
  - c. N1103.2.2 – Sealing – Duct Tightness
4. The other requirements identified as “mandatory” in Chapter 4 shall be met.
5. Alternate testing and inspection programs and protocols shall be allowed when approved by the Code Official.

## 2012 IECC

### Add Section R102.1.2

**R102.1.2 RESNET Testing & Inspection Protocol.** The Residential Energy Services Network (RESNET) Mortgage Industry National Home Energy Rating System Standards Protocol for third party testing and inspections shall be deemed to meet the requirements of sections R402.4.1.1, R402.4.1.2 and R403.2.2 and shall meet the following conditions:

1. Third Party Testing and Inspections shall be completed by RESNET certified Raters or Rating Field Inspectors and shall be subject to RESNET Quality Assurance Field Review procedures.
2. Sampling in accordance with Chapter 6 of the RESNET Standards shall be performed by Raters or Rating Field Inspectors working under a RESNET Accredited Sampling Provider.
3. Third Party Testing is required for the following items:
  - d. R402.4.1.1 –Building Envelope – Thermal and Air Barrier Checklist
  - e. R402.4.1.2 –Testing – Air Leakage Rate
  - f. R403.2.2 – Sealing – Duct Tightness
4. The other requirements identified as “mandatory” in Chapter 4 shall be met.
5. Alternate testing and inspection programs and protocols shall be allowed when approved by the Code Official.