



# Energy Compliance Certificate

## 2015 IRC/IECC - Residential

### One- and Two-Family Dwellings and Multiple Single-Family Dwellings

Plan Review No. \_\_\_\_\_

Permit No.: 274013

Project Address: 21009 N 104<sup>th</sup> St.

Builder Name: American First Builders

To be completed by responsible parties, signed by builder and submitted to inspector at final inspection.

Inspection Phase	Results	Sign-Off by Responsible Party
<b>1. Thermal Envelope/Air Barrier (N1102/R402)</b> Inspections shall be made before application of interior finish to verify the following in accordance with code, approved plans and specifications: <ul style="list-style-type: none"> <li>Insulation installation (R-values), fenestration (U-factor and SHGC) and continuous air barrier alignment verified by a qualified 3<sup>rd</sup> party (RESNET certified rater).</li> </ul>	<input checked="" type="checkbox"/> Pass	<u>Desert Skies Energy</u> Company Name <u>[Signature]</u> Signature Date(s): <u>6/21/24</u>
<b>2. Envelope Leakage Testing (N1102.4/R402.4)</b> The building or dwelling unit shall be tested and verified as having an air leakage rate <u>not exceeding 5 air changes per hour for detached dwelling units and 7 air changes per hour for attached dwelling units</u> by a qualified 3 <sup>rd</sup> party (RESNET certified rater). <ul style="list-style-type: none"> <li>Testing (N1102.4.1.2/R402.4.1.2)</li> </ul>	Envelope Air Leakage Rate: <u>3.8</u> Air Changes per Hour. <input checked="" type="checkbox"/> Pass	<u>Desert Skies Energy</u> Company Name <u>[Signature]</u> Signature Date(s): <u>6/21/24</u>
<b>3. Plumbing (Rough-In) Inspection</b> Inspections at plumbing rough-in shall verify compliance as required by the code, approved plans and specifications as to the following: <ul style="list-style-type: none"> <li>Pipe insulation, corresponding R-values, hot water distribution, circulation systems and required controls (N1103.5/R403.5).</li> </ul>	<input checked="" type="checkbox"/> Pass	<u>Desert Skies Energy</u> Company Name <u>[Signature]</u> Signature Date(s): <u>6/21/24</u>
<b>4. Mechanical (Rough-In) Inspection:</b> Inspections shall verify compliance as required by the code, approved plans & specs following (N1103/R403): <ul style="list-style-type: none"> <li>Installed HVAC equipment type and size, controls, system insulation and corresponding R-values;</li> <li>Whole-house ventilation and local exhaust (M1507).</li> <li>Where the ducts and air handlers are outside the building thermal envelope, provide a duct leakage test by a qualified 3<sup>rd</sup> party (RESNET certified rater).</li> </ul>	Duct Leakage Rate: <u>0.02</u> cfm per 100.sq <input checked="" type="checkbox"/> Rough-in Test <input type="checkbox"/> Post-constr. Test <input checked="" type="checkbox"/> Pass	<u>Desert Skies Energy</u> Company Name <u>[Signature]</u> Signature Date(s): <u>6/21/24</u>
<b>5. Final Inspection</b> The final inspection shall verify the proper installation of the following (N1103/R403): <ul style="list-style-type: none"> <li>HVAC system, programmable thermostats, whole-house ventilation (M1507), local exhaust, damper controls and proper operations;</li> <li>High-efficacy lamps and fixtures (N1104/R404).</li> </ul>	<input checked="" type="checkbox"/> Pass	<u>Desert Skies Energy</u> Company Name <u>[Signature]</u> Signature Date(s): <u>6/21/24</u>

rev. 1/25/17

**Compliance Statement:** I certify that to the best of my knowledge the information above is in full compliance with the City of Scottsdale adopted International Energy Conservation Code (IECC) and amendments.

Permit Holder/Builder Signature: michael graham Date: 06/21/2024

**City of Scottsdale**  
**FORMAL IECC CHECKLIST**

<b>INSPECTOR:</b>	Bobby Vercillo	<i>Desert Skies Energy</i>
<b>HERS RATER ID:</b>	VS7B5X (RFI)	RESNET HERS Provider ID: 1998-194
<b>INSPECTION DATE:</b>	06/21/2024 01:03 PM	127 W Juanita Ave #208, Mesa, AZ 85210
<b>SITE ADDRESS:</b>	21009 N 104th St, Scottsdale, AZ	
<b>BUILDER:</b>	American First Builders	
<b>PRIMARY CONTACT:</b>	Paul Hawes, 801.301.4054	

**ENERGY INSPECTIONS**

**AIR BARRIER INSPECTION**

(R402.4.1.1)

**BUILDER VERIFIED**

**INSULATION INSPECTION**

(R402.4.1.1)

**BUILDER VERIFIED**

**ENERGY TESTING**

**DUCT LEAKAGE TESTING**

(R403.2.2)

**PASS**

**ENVELOPE LEAKAGE (BLOWER DOOR)**

(R402.4.1.2)

**PASS**

**DUCT TESTING DATA**

TARGET (CFM25): 294  
 RESULT (CFM25): 152  
 CFM/CFA: 0.02

**BLOWER DOOR TESTING DATA**

TARGET (CFM50): 9391  
 RESULT (CFM50): 7128  
 ACH50: 3.8

**GENERAL NOTES**



HERS RATER SIGNATURE



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