



Success with 2015 IECC Northeast & Mid-Atlantic
Checklist for Code Officials

ROUGH-IN





ROUGH-IN CHECKLIST

RECOMMENDED PRACTICES + CODE REFERENCE

✓ ✗ N/A

FRAMING + AIR SEALING

<p>Construction documents (e.g. building plans, technical documents, supporting performance compliance reports) were submitted. Code Reference: 2015 IECC R103: Construction documents</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>The construction documents detail the envelope will have a continuous air barrier. Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation, 2015 IECC R103.2: Information on construction documents</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>All walls separating conditioned and unconditioned space will allow for required R-value. Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation, 2015 IECC R103.2: Information on construction documents</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>All fuel-burning appliances get combustion air from outside the building thermal environment. Code Reference: 2015 IECC R402.4.4: Rooms containing fuel-burning appliances</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>All walls separating conditioned and unconditioned spaces that will not have an interior finish have an interior air barrier. <i>RECOMMENDED: RIGID AIR BARRIER</i> Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation, 2015 IECC R103.2: Information on construction documents</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Attic platforms allow for full amount required insulation levels underneath. Code Reference: 2015 IECC Table R402.1.2: Insulation levels</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>All corners and headers framed for insulation installation. Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>All dropped ceilings/soffits, shafts and chases are capped with an air barrier and sealed. <i>RECOMMENDED: RIGID AIR BARRIER</i> Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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FRAMING + AIR SEALING

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| 9. | All floor systems within the conditioned envelope have an air-sealed band or blocking separating conditioned and unconditioned space.
Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. | Cantilever floors have insulation that completely fills the cavity or will maintain permanent contact with the subfloor and encapsulates the insulation with an exterior air barrier and air sealing.
RECOMMENDED: RIGID AIR BARRIER
Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. | All gaps and voids in the air barrier between conditioned and unconditioned spaces are air sealed.
Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. | Window and door U-values and solar heat gain coefficients (SHGC) match code approved construction drawings.
Code Reference 2015 IECC Table R402.4.1.1: Air barrier and insulation installation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. | There is air sealing (e.g. backer rod, caulk, low expanding foam) around windows and doors.
Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. | There is air sealing between the bottom plate of the exterior wall and the subfloor.
Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. | All penetrations between conditioned and unconditioned spaces are air sealed.
Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

ELECTRICAL

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| 16. | Recessed lighting fixtures that are insulation-contact rated (IC) meet air leakage requirements.
Code Reference: 2015 IECC R402.4.5: Recessed lighting | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. | Circulating hot water system has an automatic switch that can turn off the pump when THERE IS NO DEMAND.
Code Reference: 2015 IECC R403.5.1.1 Circulating hot water systems | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |



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HVAC

18.	A whole-house mechanical ventilation strategy is installed. Code Reference: 2015 IECC R403.6: Mechanical ventilation, 2012 IRC R303.4: Mechanical ventilation, 2012 IRC M1507.3: Whole-house mechanical ventilation system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19.	No building cavities are being used as a part of the duct system. Code Reference: 2015 IECC R403.3.5 Building cavities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20.	All duct terminations sealed to the subfloor and all HVAC penetrations through the building envelope are air sealed. Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21.	All HVAC components are sealed at the joints and seams. Code Reference: 2015 IECC R403.3.2: Duct sealing, 2012 IRC M1601.4.1: Duct sealing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22.	All supply and return duct work in unconditioned attics is insulated to R-8. All other duct work outside of conditioned space is insulated to R-6. Code Reference: 2015 IECC R403.3.1: Duct insulation, 2012 IRC M1601.4.5: Duct insulation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23.	All mechanical piping that carries fluids above 105°F or below 55°F is insulated to at least R-3. Code Reference: 2015 IECC R403.4: Mechanical pipe insulation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24.	If duct leakage testing is complete, results meet 2015 IECC compliance levels. Code Reference: 2015 IECC R403.3.3: Duct sealing, 2012 IRC M1601.4.1: Duct sealing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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INSULATION

<p>24. Hot water pipes are insulated to at least R-3. Code Reference: 2015 IECC R403.5.3: Hot water pipe insulation</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>25. All installed insulation meets 2015 IECC insulation levels and manufacturer's instructions. Code Reference: 2015 IECC Table R402.1.2: Insulation levels, 2015 R303.2: Installation</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>26. For vented attics, wind baffles are installed on top of all exterior walls, leaving room for insulation over top plates and ventilation above. Code Reference: 2015 IECC Table R402.1.2: Insulation levels, 2015 IECC R402.2.3: Baffles, 2012 IRC R806.3: Attic ventilation</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>27. For exterior foundation insulation, install without gaps, voids, misalignment or compression and with a rigid, opaque and weather resistant protective covering. Code Reference: 2015 R303.2: Installation, 2015 IECC R303.2.1: Foundation insulation protection</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>28. For exterior wall insulation, install without gaps, voids, misalignment or compression. Code Reference: 2015 IECC R303.2: Installation, 2015 IECC Table R402.1.2: Insulation levels</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>29. Insulation is installed to fill the cavity between conditioned and unconditioned space without gaps, voids, misalignments or compression. Code Reference: 2015 IECC R303.2: Installation, 2015 IECC Table R402.1.2: Insulation levels</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>30. Insulation is cut and split around blocking, plumbing, HVAC and electrical components. Code Reference: 2015 IECC Table R402.4.1.1: Air barrier and insulation installation, 2015 R303.2: Installation</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>