

## Summary of Energy Compliance Options

	IECC				RCO Prescriptive			OHBA Alternative		
	R-Value	U-Factor	Total UA Alternative	Performance	R-Value	U-Factor	Total UA Alternative	R-Value	U-Factor	Total UA Alternative
Compliance Tool Required			Yes	Yes			Yes			Yes
			RES-Check	Energy Report			RES-Check			Provide calculation based on Table 1105.2.1.2
Subject to Mandatory Requirements	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fenestration / Door Exceptions Allowed	Yes Up to 15 sq. ft. of glazing (402.3.3) and (1) 24 sq. ft. side hinged door (402.3.4) may be exempted				Yes Up to 15 sq. ft. of glazing (1102.3.3) and (1) 24 sq. ft. side hinged door (1102.3.4) may be exempted			Yes Up to 15 sq. ft. of glazing (1105.2.3.3) and (1) 24 sq. ft. side hinged door (1105.2.3.4) may be exempted		
Ceiling Insulation Reduction Allowed based on heel high (with attic space)	Yes May reduce from R-38 to R-30 when insulation is uncompressed over the wall plates (402.2.1)				Yes May reduce from R-38 to R-30 when insulation is uncompressed over the wall plates (1102.2.1)			Yes May reduce from R-49 to R-38 when insulation is uncompressed over the wall plates (1105.2.2.1)		
Ceiling Insulation Reduction to R-30 Allowed (without attic space)	Yes Up to 20% of insulated ceiling area or 500 sq. ft., whichever is LESS. (402.2.2)				Yes Up to 20% of insulated ceiling area or 500 sq. ft., whichever is LESS. (1102.2.2)			Yes Up to 20% of insulated ceiling area or 500 sq. ft., whichever is LESS. (1105.2.2.2)		
Trade-Offs Permitted for insulation or fenestration (note: HVAC Trade-Offs NOT ALLOWED)			Yes	Yes			Yes			Yes
			May increase one component to make up for another	May increase one component to make up for another less component			May increase one component to make up for another			May increase one component to make up for another less component
Air Leakage verified by Visual inspection Option	Yes Must use Table 402.4.2	Yes Must use Table 402.4.2	Yes Must use Table 402.4.2		Yes Must use Table 1102.4.2	Yes Must use Table 1102.4.2	Yes Must use Table 1102.4.2			
Air Leakage verified by Blower Door Test Option	Yes Must yield <7ACH @ 50pa.	Yes Must yield <7ACH @ 50pa.	Yes Must yield <7ACH @ 50pa.	Yes Must yield the maximum air changes per report	Yes Must yield <7ACH @ 50pa.	Yes Must yield <7ACH @ 50pa.	Yes Must yield <7ACH @ 50pa.	Yes	Yes	Yes
Duct Seal Test Requires	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes (after Jan 1st 2014)		
Post construction Test Leakage to Outdoors	≤ 8cfm	≤ 8cfm	≤ 8cfm	Per Report	≤ 8cfm	≤ 8cfm	≤ 8cfm	Path 1 < 6cfm Path 2 < 4cfm	Path 1 < 6cfm Path 2 < 4cfm	Path 1 < 6cfm Path 2 < 4cfm
Post construction Test Total Leakage	≤ 12cfm	≤ 12cfm	≤ 12cfm	Per Report	≤ 12cfm	≤ 12cfm	≤ 12cfm	Path 1 < 9cfm Path 2 < 6cfm	Path 1 < 9cfm Path 2 < 6cfm	Path 1 < 9cfm Path 2 < 6cfm
Rough-in Test with Air Handler installed	≤ 6cfm	≤ 6cfm	≤ 6cfm	Per Report	≤ 6cfm	≤ 6cfm	≤ 6cfm	Path 1 < 6cfm Path 2 < 4cfm	Path 1 < 6cfm Path 2 < 4cfm	Path 1 < 6cfm Path 2 < 4cfm
Rough-in Test without Air Handler installed	≤ 4cfm	≤ 4cfm	≤ 4cfm	Per Report	≤ 4cfm	≤ 4cfm	≤ 4cfm	Path 1 < 4cfm Path 2 < 3cfm	Path 1 < 4cfm Path 2 < 3cfm	Path 1 < 4cfm Path 2 < 3cfm