

Inspection Checklist for ENERGY STAR Qualified Modular Home – Prescriptive Path

Home ID: _____

BOP Item	Inspection Guidelines	PLANT QC	RATER	
		Pass	Pass	Fail
Cooling Equipment (when provided)	General requirements: Hot Climates (2004 IRC Climate Zones 1,2,3) Right-Sized ¹ : <ul style="list-style-type: none"> ENERGY STAR qualified AC (14.5 SEER / 12 EER) OR ENERGY STAR qualified heat pump (14.5 SEER / 12 EER / 8.2 HSPF) Mixed and cold climates (2004 IRC Climate Zones 4,5,6,7,8) Right-sized ¹ : <ul style="list-style-type: none"> 13 SEER AC OR ENERGY STAR qualified heat pump² (14.5 SEER / 12 EER / 8.5 HSPF) 	_____	_____	_____
Heating Equipment	General requirements: Hot Climates (2004 IRC Climate Zones 1,2,3): <ul style="list-style-type: none"> 80 AFUE gas furnace OR 80 AFUE boiler OR 80 AFUE oil furnace OR ENERGY STAR qualified heat pump (14.5 SEER / 12 EER / 8.2 HSPF) Mixed and Cold Climates (2004 IRC Climate Zones 4,5,6,7,8): <ul style="list-style-type: none"> ENERGY STAR qualified gas furnace (90 AFUE) OR ENERGY STAR qualified boiler (85 AFUE) OR ENERGY STAR qualified oil furnace (85 AFUE) OR ENERGY STAR qualified heat pump² (14.5 SEER / 12 EER / 8.5 HSPF) 	_____	_____	_____
Thermostat	General requirements: <ul style="list-style-type: none"> ENERGY STAR qualified thermostat (except zones with radiant heat)¹ 	_____	_____	_____
Ductwork	General requirements: <ul style="list-style-type: none"> Leakage ≤ 4 cfm to outdoors per 100 sq. ft. of conditioned floor area 	_____	_____	_____
	<ul style="list-style-type: none"> Ducts in unconditioned spaces wrapped with R-6 minimum insulation 	_____	_____	_____
	<ul style="list-style-type: none"> All exterior ducts mechanically secured and supported off the ground 	_____	_____	_____
Envelope	General requirements: <ul style="list-style-type: none"> Infiltration (ACH50): 7 in CZs 1–2 6 in CZs 3–4 5 in CZs 5–7 4 in CZ 8 Insulation levels that meet or exceed the 2004 IRC¹ 	_____	_____	_____
	General requirements: <ul style="list-style-type: none"> ENERGY STAR qualified windows or better (additional requirements in CZ 2 and CZ 4)¹ 	_____	_____	_____
Windows	General requirements: <ul style="list-style-type: none"> ENERGY STAR qualified windows or better (additional requirements in CZ 2 and CZ 4)¹ 	_____	_____	_____
Water Heater ³	General requirements: <ul style="list-style-type: none"> Gas (EF): 40 Gal = 0.61 60 Gal = 0.57 80 Gal = 0.53 Electric (EF): 40 Gal = 0.93 50 Gal = 0.92 80 Gal = 0.89 Oil or Gas water heating system ≥ 0.78 EF is integrated with space heating boiler⁴ 	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____
Lighting and Appliances	General requirements: <ul style="list-style-type: none"> Five (5) or more ENERGY STAR qualified appliances, light fixtures, ceiling fans equipped with lighting fixtures, water heaters and/or ventilation fans are installed, as listed below.¹ 1. _____ 4. _____ 2. _____ 5. _____ 3. _____	_____	_____	_____
Marriage Line Seal	General requirements: <ul style="list-style-type: none"> All vertical and horizontal marriage line areas filled with continuous non-porous insulating gaskets creating a permanent air barrier at joints in the ceiling, walls and floor. Gaskets may be one or two-part systems, including proprietary gaskets, foams, insulation wrapped in poly, or insulation covered by butyl or other long-life tape on one side. No visible signs of gaps or tears are permitted. 	_____	_____	_____
Floors over Unconditioned Spaces	General requirements: <ul style="list-style-type: none"> Air barrier between floor and unconditioned crawlspace is continuous and sealed. 	_____	_____	_____

Plant QC

Rater

Builder

Date: _____

Date: _____

Date: _____

Company: _____

Company: _____

Company: _____

Signature: _____

Signature: _____

Signature: _____

Initials: _____

Initials: _____

Initials: _____

¹ For more information, see “ENERGY STAR Qualified Homes Codes and Standards Information.”

² Only applicable to homes in Climate Zones 4 and 5. Homes with heat pumps in Climate Zones 6, 7 and 8 cannot be qualified using the Prescriptive Path (BOP), but can earn the label using the ENERGY STAR Performance Path requirements.

³ Efficiency ratings not applicable if ENERGY STAR qualified water heater is installed to comply with Lighting and Appliances requirement.

⁴ Can use instantaneous water heating system or an indirect storage system with a boiler that has a system efficiency of ≥ 85 AFUE. Homes with tankless coil water heating systems cannot be qualified using the Prescriptive Path (BOP), but can be qualified using the ENERGY STAR Performance Path.