Clark Public Utilities

WAS-CKLST Rev. 8/22

ON-SITE WHOLE-HOUSE AIR SEALING CHECKLIST

Installation Site and Customer Information

Customer Name:		Customer Phone:	
Site Address:	City:	State:	Zip:

The checklist below is to be completed on-site by a representative from the installation company:

☑ = Completed
NA = Not Applicable

	ATTIC		
1.	**Weather-stripping:** Installed between the attic access frame and hatch provides an effective air seal.	4.2	
2.	**Gasket or weather-stripping**: Installed between pull down stair cover frame and door provides an effective air seal, or an air-tight cover installed between stairs and attic.	4.2	
3.	**Duct boots**: Mastic, caulk, or other air-tight seal installed around the perimeter of duct boots between the boot and the ceiling.	4.2	
4.	**Chases:** Sealed with foam, caulking, and rigid barriers attached to attic floor or wall. Clearances maintained from combustible materials. Fire-rated materials used as appropriate near heat-producing devices.	4.2	
5.	**Non-IC rated fixtures**: Foam, caulk or another air-tight seal installed between fixture and ceiling, or a drywall or another non-flammable air-sealed insulation shield installed over fixture. Shield extended above new attic insulation. No insulation covers the top of the shield.	4.2	
6.	**IC rated fixtures**: Fixture sealed between interior finish and the fixture. Fixture is not covered with spray foam and openings in the fixture are not sealed. An air-tight box or prefabricated cover is acceptable. Attic insulation installed over fixture.	4.2	
7.	**Bath fans**: Foam, caulk, or other air-tight seal installed around perimeter of bath fans. Fire-resistant caulk used for bath fans with a heat source. Gaps larger than 1” spanned with sheet metal.	4.2	
8.	**Electrical fixtures and plumbing penetrations:** Foam, caulk or other airtight seal installed around perimeter.	4.2	
9.	**Other penetrations:** Drywall-to-top-plate connections, wood-to-wood seams, penetrations through the top plate sealed with foam or caulk.	4.2	
10.	**Drop soffits**: Rigid material installed and sealed with foam or caulk to close off drop soffits from the attic.	4.2	
11.	**Knee wall door**: Weatherstripping between door jamb and attic access frame. Latch installed if necessary.	4.2	
12.	**Floor joists under kneewalls**: Rigid material installed between floor joists. Perimeter of each joist space foamed or caulked.	4.2	
13.	**Tops of balloon-framed walls:** Foam, caulk, or other air-tight seal installed at the tops of balloon-framed walls and to open walls between split-level attic areas. Perimeter of each stud space foamed or caulked.	4.2	
	EXTERIOR WALLS		
14.	**Walls between conditioned and unconditioned areas:** Seal connection between floor and wall with caulk if accessible; tape and mud any unfinished drywall.	14.1	
15.	**Plumbing penetrations:** Install foam or caulk. Use rigid barrier if opening is larger than 1”.	14.1	

16.	**Doors:** Weatherstrip doors and install a door sweep or airtight threshold to create an effective air seal.	14.1	☐
17.	**Other wall air leaks identified with a blower door:** Caulk or foam electrical boxes, window trim, door trim, and baseboards.		☐
	CRAWLSPACE		
18.	**Weatherstripping:** Installed between crawl-space access frame and hatch door provides an effective air seal. Durable rigid material and weatherstripping installed if the door isn't supported by a frame on all 4 sides.	6.2	☐
19.	**Chases:** Sealed with foam, caulk, or rigid moisture-resistant material to the floor or wall. Fire rated materials used at chimneys and flues.	6.2	☐
20.	**Duct penetrations**: Sealed with mastic, caulk, or other air-tight seal around perimeter of duct boots between the boot and the subfloor.	6.2	☐
21.	**Plumbing and electrical penetrations**: Sealed with foam or caulk. Rigid, moisture resistant material used to span gaps larger than 1".	6.2	☐
22.	**Other open cavities**: Rigid material installed to close other open cavities and air sealed to the floor.	6.2	☐
23.	**Sill-plate**: Sealed to stem-wall connections with foam or caulk.	6.2	☐
24.	**Rim-joists**: Rigid material installed between rim joists if no blocking is present. Perimeter of each rim joist cavity between basements and crawl spaces foamed or caulked.	6.2	☐
	MISCELLANEOUS		
26.	**Combustion Appliances:** If combustion appliances are present (e.g., fireplace, wood or gas stove, gas range, gas water heater), a UL- or CUL-approved carbon monoxide detector must be present or be installed.	2.3	☐
27.	**Evaluating Ventilation Requirements**: Evaluation of building ventilation requirements performed following three distinct components: Whole-building ventilation requirement, Local exhaust ventilation requirement, and Natural ventilation credit.	15.0	☐
28.	**Mechanical Ventilation** : The building's natural ventilation was insufficient to meet the calculated ventilation requirements so additional ventilation was provided using one of the four approved ventilation strategies.	15.4	☐

Notes:

By signing below, I certify that the items marked as completed on this checklist were completed for this site.

Installation Company Rep ***Signature***	*Installation Company Rep* ***Printed Name***	Date of On-Site Inspection

Installation Company Name:	Phone: