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BayREN Home+ Combustion Safety Test Requirements Update [5/19/2021]

Overview

As of May 19th, 2021, the measures requiring Combustion Appliance Safety (CAS) test-out is being updated. To date, all projects submitted for a Home+ rebate require that a certified BPI Building Analyst complete a CAS Test-out according to ANSI/BPI-1200-S-2015 Standards. The Participating Contractor is responsible for submitting the Program CAS Grading Sheet upon completion of a project. **BayREN Home+ still strongly recommends conducting a CAS test-out at the completion of all Program projects, and all local, state, and federal regulations, codes, and standards still apply to all measures.**

BPI CAS Test-out requirements

- Projects requiring a CAS test-out must be assessed by a BPI certified Building Analyst

Measures that require CAS test-out:

- Attic insulation
- Exterior wall insulation
- Air sealing
- Duct sealing
- Duct replacement
- Gas Furnace
- Gas Water Heater

Projects that require a CAS test-out:

- The presence of one of the above measures in a project
- Any project where a gas appliance is changed to electric, **and the original unit shared an exhaust/flue pipe with a gas appliance that is left in operation.** (**Example:** replacing a gas water w/ a heat pump water heater and the original water heater shared a flue pipe with the gas furnace, which is still utilizing the flue pipe.)

Projects that do not require a CAS test-out (CAS test-out is still strongly recommended):

- All electric homes (no gas service(s) on site)
- Projects that remove all gas appliances from the home, but leave the gas meter on site*
- Projects with electric-only upgrades that don't meet the above criteria (**Example:** replacing a gas water heater with a heat pump water heater, and the original water heater **did not share a flue pipe** with any other gas appliances)*
- Projects that do not include building shell-tightening measures or gas appliance measures* ie. Ductless Heat Pump

***For all projects that do not require a CAS test-out, it is still required that the contractor **check for gas leaks around any gas lines that were worked on in the course of the project** – Gas leak test results must PASS and be recorded on the CAS Grading Sheet and submitted with the project documents.**