

**To:** All Mechanical Contractors

**Effective:** March 1, 2021

**Subject:** New Home HVAC Inspections

**Rough-in Inspection requires the following:**

1. Visual inspection of all ducts and gas lines prior to covering. This includes the floor/ceiling area in unfinished basements prior to installing gypsum board. This will be separated on the *Inspection record* as “**Upper level**” and “**Lower level**” for different installation scenarios.
2. Gas line air test of 25 pounds for 10 minutes verified at either “Upper” or “Lower level” inspections, or by first scheduling a remote virtual inspection (RVI). If there is a problem with cell phone coverage, the air test gauge must be in place for one of the rough-in inspections.
3. The air test gauge must have 2 psi increments or less with the measured pressure shown within the middle 50 percent of the test gauge pressure range.

**Final Inspection:**

1. Gas line leakage test using an approved gas detector, manometer, non-corrosive leak detection fluid or other approved leak detection method.
2. All supply and return duct diffusers are installed.
3. Outside exhaust and intake air terminations are labeled in an *approved* manner.
4. Exhaust air ducts require a backdraft damper at the point of discharge.
5. Gas lines and ducts entering through the exterior wall must be sealed on the outside.

For questions concerning the above listed requirements please contact our office M – F between the hours of 8:00 AM to 4:30 PM at 763-331-7722 or [inspections@rumrivercc.com](mailto:inspections@rumrivercc.com)



Accuracy – Efficiency – Uniformity