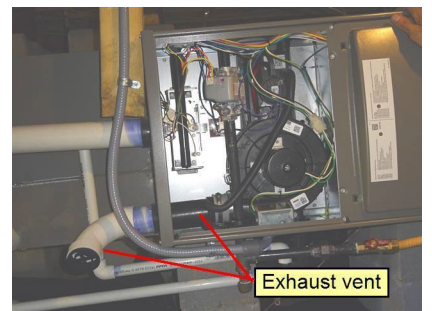
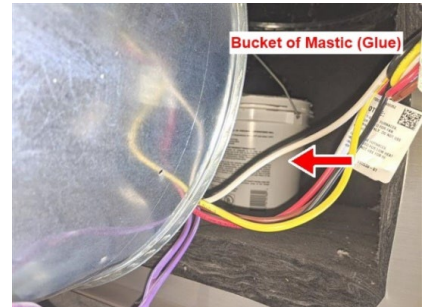


Is Your New-Construction HVAC System Safe ?

So your buyers say they don't see the need for a new-construction home inspection – that, **“...after all, the builder is inspecting the home, and so is the city inspector – so why pay money for another inspection.”** Sound familiar?

This year alone, our inspectors discovered two **very deadly** reasons why our clients are relieved they chose to have a new-construction home inspection conducted by Promark.

- (1) The top picture shows a half-full bucket of duct sealant that was left inside the air handler blower unit during installation. Had this sealant not been discovered, the HVAC system would have continued to circulate **toxic fumes** throughout the home, likely causing unexplained ill effects to its occupants.
- (2) The bottom picture shows a gas furnace where the combustion gas exhaust and intake vent pipes had been installed reversed. As a result, **deadly carbon monoxide gas** was being exhausted directly into the crawlspace that could find its way into the living space of the home.



Additionally, approximately half of new-construction air conditioners we test demonstrate that the system is not cooling as expected. That is to say that the difference in temperatures of the supply and return air was less than the minimum expected temperature difference of 15 deg. F. You may ask, **“why would a new A/C system not cool as expected?”**

Answer: All new A/C outdoor units are shipped pre-charged with refrigerant. When the outdoor unit is connected to the indoor unit evaporator coil, the technicians rarely install additional refrigerant to the system (due to costs) to compensate for the new line-set lengths and indoor evaporator coil, resulting in low levels of refrigerant. The low levels of refrigerant will cause the system to run harder and longer resulting in additional operating costs. Unfortunately, the new home owner will never know this is the case unless they have the unit serviced.

Promark is a multi-inspector company serving the Triangle area since 2014 offering:

- ✓ Home Inspections
- ✓ Termite Inspections
- ✓ HVAC inspections
- ✓ Swimming pool inspections
- ✓ Septic tank inspections

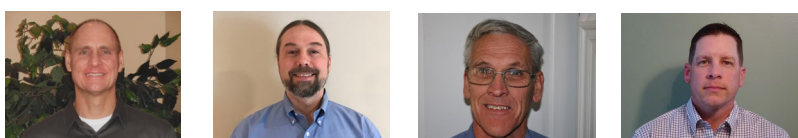


and



At Promark Home Inspections, our promise is to provide you with a high quality and comprehensive home inspection at competitive fees and with superior customer service.

We would be honored to conduct a home inspection for you and your client.



Owner and operator, Mark Vilee, is a structural engineer, and along with Mark, Promark inspectors have backgrounds in building construction.