



ENERGY STRATEGIES
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NEW HOMES AREN'T ALWAYS PERFECT!

Would you buy a new vehicle without taking it for a test drive? Not if you are a savvy buyer! Why should it be any different for a new home? We strongly encourage you to have your new home *performance tested* upon its completion. Performance testing your new home before the one year warranty expires is “cheap insurance” and worth more than just peace of mind. It could save you thousands of dollars in the long run in energy costs and building durability.

Performance testing includes a blower door test to determine how much total air leakage the building shell allows (the tighter the better), an infrared scan of exterior walls and ceilings with a thermal imaging camera to determine the quality of the insulation installed (includes pictures for documentation), exhaust fan capacity testing to verify the actual air flow vs. the rated air flow (from data plate on fan housing) to assess the ability to control moisture / odors, and a radon test kit. Radon is a cancer-causing, radioactive gas. Radon is the number one cause of lung cancer among non-smokers, according to EPA estimates. Overall, radon is the second leading cause of lung cancer.

Talk to your builder, show him this letter... if he says “you don’t need all that testing”, ask him why not? If your builder says, “that’s a great idea”, it’s a good indication of his confidence in his abilities and understanding of building science to build a safe, durable, comfortable, and energy efficient home and his willingness to have an independent, third party prove it through diagnostic testing.

The total cost for performance testing a single family home in the Sheboygan County area is \$295.00. This nominal fee includes written documentation of all performance test results, infrared pictures, and a radon detection kit.

For further information or to schedule an appointment, contact us by phone or e-mail.

Energy Strategies is a state-certified consulting company, partnering with *Focus on Energy* offering energy information and services to utility customers throughout Wisconsin. We are dedicated to helping and educating people to make life-enhancing decisions about their homes and the equipment they use to control them. Our goal is to assist people to live in safe, durable, comfortable, and energy efficient homes by understanding and applying principles of physics and building science to assess heat flow, air flow, moisture flow and indoor air quality.