11840 Killarny Circle Jerome MI 49249 (517) 206-2464

## 11/14/13

# **Combustion Test Results**

## Payne High Efficiency Furnace Rated 95%

Before Test (without Fuel Activator)

After Test (with Fuel Activator)

Efficiency: 95% Efficiency: 97.5%

Oxygen content of exhaust: 52% Oxygen content of exhaust: 60%

Carbon monoxide in exhaust: 1.10 ppm Carbon monoxide in exhaust: 0.06 ppm

Stack temperature 90° F Stack temperature 87° F

Test was conducted on a brand new high efficiency furnace unit using a Bacharach Meter. This device is used worldwide to check actual live conditions in reference to combustion ratios on furnace units.

The above test results show that the application of Superior Fuel Activator on a natural gas fired furnace offers an increase in efficiency, as well as an increased oxygen level and reduced carbon monoxide level in the exhaust, and lower stack temperature (all of which results in a cleaner burn, reduced carbon buildup and moisture related damage on internal parts and components, as well as additional available heat in the furnace's heat exchanger.

## Benefits include:

- Reduced fuel consumption and related cost
- Reduced maintenance and related costs
- Reduced pollution output in the exhaust
- Extended equipment and component life.

Kyle Gardynik, a certified mechanical contractor, performed this test. His contact information is: Contact information: Cell 517-581-1950, E-mail: <a href="mailto:yamahaking234@aol.com">yamahaking234@aol.com</a>

#### Sincerely,

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