

# Natural Gas Furnace & Boiler Tune-Up with Combustion Analysis Report

## Customer Information

First Name:	Last Name:	DTE Energy Natural Gas Account Number:	
Street Address (where equipment was serviced):		Homeowner's Email Address (needed to provide rebate status updates):	
City:	State:	ZIP:	Home Phone:
Contractor Name:		Contractor Phone:	

## House Information

House Type:	<input type="checkbox"/> Single-Family <input type="checkbox"/> Condo <input type="checkbox"/> Townhouse <input type="checkbox"/> Manufactured/Mobile Home <input type="checkbox"/> Other		
Approximate House Age:	Approximate Square Footage:	Does the house have a basement? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Year Built:	Approx. Above Grade sq. ft.:	+Basement ( <input type="checkbox"/> Yes <input type="checkbox"/> No) sq. ft.:	= Total sq. ft.:

## Furnace/Boiler Manufacturer's Information

Furnace/Boiler Make:	Model #:	Serial #:
Input BTUh:	Output BTUh:	Efficiency (AFUE):
Furnace/Boiler Venting Style: <input type="checkbox"/> Natural Draft <input type="checkbox"/> Induced Draft <input type="checkbox"/> Condensing 90+		

Complete the following tasks and check them off as completed. Include combustion analysis pre- and post-tune-up in the area on back.

<p>Maintenance Tasks for Furnaces:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Check and adjust manifold pressure.</li> <li><input type="checkbox"/> Check temperature rise and adjust air flow to meet manufacturer's recommendations.</li> <li><input type="checkbox"/> Clean burners, combustion chamber, and heat exchanger surface when access is available.</li> <li><input type="checkbox"/> Clean and inspect burner orifices.</li> <li><input type="checkbox"/> Clean and inspect ignition system.</li> <li><input type="checkbox"/> Check for proper venting and for adequate combustion air (per code).</li> <li><input type="checkbox"/> Inspect condensate drain piping; clean as needed.</li> <li><input type="checkbox"/> Check and test safety controls.</li> <li><input type="checkbox"/> Inspect filter, replace standard 1-inch and 2-inch filters, and clean washable filters.</li> <li><input type="checkbox"/> Inspect blower; clean in place. Removal of blower assembly is not included as part of the utility tune-up.</li> <li><input type="checkbox"/> Run equipment through complete sequence of operation.</li> </ul>	<p>Maintenance Tasks for Boilers:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Check and adjust manifold pressure.</li> <li><input type="checkbox"/> Measure water temperature rise and adjust flow to meet manufacturer's specifications.</li> <li><input type="checkbox"/> Clean burners, combustion chamber, and heat exchanger surface when access is available.</li> <li><input type="checkbox"/> Clean and inspect burner orifices.</li> <li><input type="checkbox"/> Clean and inspect ignition system.</li> <li><input type="checkbox"/> Check for proper venting and for adequate combustion air (per code).</li> <li><input type="checkbox"/> Inspect condensate drain piping; clean as needed.</li> <li><input type="checkbox"/> Inspect water pump(s).</li> <li><input type="checkbox"/> Inspect expansion tank for corrosion and proper air cushion.</li> <li><input type="checkbox"/> Check and test safety controls.</li> <li><input type="checkbox"/> Run equipment through complete sequence of operation.</li> </ul>
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Complete the following tasks and check them off as completed. Include combustion analysis pre- and post-tune-up in the area below.

Combustion Efficiency:	Pre-Service:	Post-Service:
Stack Temperature:	Pre-Service:	Post-Service:
Oxygen Level:	Pre-Service:	Post-Service:
Carbon Dioxide:	Pre-Service:	Post-Service:
Carbon Monoxide:	Pre-Service:	Post-Service:
Comments:		
Notes: Please refer to your combustion analyzer's documentation for proper ranges for the above readings. Make the appropriate adjustments or recommendations to remedy any readings that were found to be outside of required ranges. Record comments on any safety or efficiency items not resolved.		

Technician Name: \_\_\_\_\_ Date: \_\_\_\_\_

Technician Signature: \_\_\_\_\_ Collect homeowner's signature on the Terms and Conditions form.

