



# PERFORMANCE TEST WORKSHEET

APPLICATION ID #: \_\_\_\_\_

TEST DATE: \_\_\_\_\_

ANALYZER USED FOR PERFORMANCE TEST:

Date of Last Calibration:

MAKE

MODEL

ANNUAL PERFORMANCE TESTING MUST BE CONDUCTED FOR ALL FUELS (FUEL OIL AND NG) AT HIGH FIRE (80 TO 110 % LOAD) AND ALSO AT LOW FIRE FOR BOILERS EQUAL TO OR GREATER THAN 4.2 MMBTU/HR (30 GAL/HR)

	Test 1	Test 2	Test 3	Test 4	Test 5	Test 6
Boiler Number						
Load (%)						
Fuel Type (#2, #4, NG)						
Firing Rate (gph/cfh)						
Combustion Efficiency (%)						
O <sub>2</sub> (%)						
CO <sub>2</sub> (%)						
Excess Air (%)						
Stack Temperature (°F)						
CO (ppm) (if available)						
NOx (ppm) (if available)						
SOx (ppm) (if available)						
Smoke Bacharach #:						

- For oil tests, if Combustion Efficiency  $\geq$  83, performance test = Passed; if  $<$  83, performance test = Failed
- For gas tests, if Combustion Efficiency  $\geq$  80, performance test = Passed; if  $<$  80, performance test = Failed
- If Smoke Bacharach # =  $>$  3, Performance test = Failed

QUALIFIED COMBUSTION TESTER (QCT):

- Licensed Oil Burner Installer       Professional Engineer  
 Licensed Master Plumber       Accepted QCT

Name: \_\_\_\_\_ Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Company Name: \_\_\_\_\_ Email Address: \_\_\_\_\_

Address: \_\_\_\_\_  
Street Apt.# / Room City State Zip

I hereby affirm under penalty of perjury that the information provided on this form is true to the best of my knowledge and belief.

Signature: \_\_\_\_\_ License #: \_\_\_\_\_ Date: \_\_\_\_\_

**\*IMPORTANT:** COMBUSTION ANALYZER PRINTOUTS SHOULD BE ATTACHED WITH THIS WORKSHEET AND TESTING SHOULD BE PERFORMED WITHIN 3 MONTHS OF SUBMITTAL OF THE INSPECTION REQUEST. ANNUAL PERFORMANCE TEST RESULTS MUST BE INCLUDED IN THE RECORDKEEPING BY THE OWNER FOR A MINIMUM OF FIVE (5) YEARS.