FORM 3A: Periodic Monitoring Recordkeeping Form For Portable Analyzers

SCAQMD RULE 1110.2 Emissions from Gaseous and Liquid-Fueled Engines

DATE: **TIME (start/stop):** / **NAME:**

FACILITY NAME: **ANALYZER (Make/Model):**

Facility ID Number: Analyzer S/N:

Engine Name: Date of Last Stability Check[1]:

Permit to Operate: Date of Last Linearity Check[2]:

Application No.:

1. Stability check must be conducted within 12 months of test date
2. Linearity check must be conducted within 12 months of test date

"As Found" Test Results Date:

Time Start: Ambient Temperature (^{0}F):

Time End: Engine Hour Reading: Meter

Constituent	CO (ppm)	NO (ppm)	NO_2 (ppm)	O_2 (%)
Measured, C_{MEAS*}				
Cal Adjusted, C_{CORR}				

Example Calculation: $$C_{ADJ} = (C_{MEAS} - C_{CZ}) \times \left(\frac{C_{CAL}}{C_{CM} - C_{CZ}} \right)$$

Constituent	CO (ppm)	NO_x (ppm)
C_{ADJ} @ 15% O_2, N		
Compliance Limit		
Difference		

Engine Operating Conditions:

Calibration Results

Date of Pre-Test Calibration:

Date of Post-Test Calibration:

Constituent
Pre-Test Zero
Post-Test Zero
Mean Zero, C_{CZ}
Span Gas, C_{CAL}
Pre-Test Span
Post-Test Span
Mean Span, C_{CM}
Drift, %

Drift Calculation is listed in Section 3.6, Periodic Monitoroing Protocol

"As Left" Test Results (If applicable) Date:

Time Start: Ambient Temperature (^{0}F):

Time End: Engine Hour Reading: Meter

Constituent	CO (ppm)	NO (ppm)	NO_2 (ppm)	O_2 (%)
Measured, C_{MEAS*}				
Cal Adjusted, C_{ADJ}				

Constituent	CO (ppm)	NO_x (ppm)
C_{ADJ} @ 15% O_2, N		
Compliance Limit		
Difference		

Engine Operating Conditions:

Describe any engine or control system maintenance or tuning conducted after the "As Found" Test to bring the engine into compliance (attach additional documentation as necessary):

** Attach printouts from the portable analyzer or the manual record of constituent concentrations during the test.*

CERTIFICATION: Based on the calibrations and measurements performed in accordance with this protocol, I certify that the statements and information contained in this report are true, accurate, complete and representative of the emissions from this sour

Test Conducted By Signature

Title Date