



# FORM 4: Stability Check Recordkeeping Form For Portable Analyzers

SCAQMD RULE 1110.2 Emissions from Gaseous and Liquid-Fueled Engines

DATE: \_\_\_\_\_ TIME (start/stop): \_\_\_\_\_ / \_\_\_\_\_ NAME: \_\_\_\_\_

OPERATOR: \_\_\_\_\_ Analyzer S/N: \_\_\_\_\_

Dates of Last Cell Replacements: CO: \_\_\_\_\_ NO: \_\_\_\_\_ NO<sub>2</sub>: \_\_\_\_\_ O<sub>2</sub>: \_\_\_\_\_

Date of Last Stability Check: \_\_\_\_\_

Requirements: \* % Deviation either less than or equal to 1% of Span for 15 minutes or 2.5 % for 30 minutes  
 \* Stability check must be conducted within 12 months of the test date and when an electrochemical cell is replaced.

Date of Stability Check: \_\_\_\_\_

Elapsed Time (Minutes)	Analyzer Response		
	CO (ppm)	NO (ppm)	NO <sub>2</sub> (ppm)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Elapsed Time (Minutes)	Analyzer Response		
	CO (ppm)	NO (ppm)	NO <sub>2</sub> (ppm)
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			

		CO	NO	NO <sub>2</sub>
Span Gas Concentration (ppm)				
15-Minute Stability Period	Maximum ppm			
	Minimum ppm			
	% Deviation*			
30-Minute Stability Period	Maximum ppm			
	Minimum ppm			
	% Deviation*			

\* % Deviation = 100 x (Max. - Min.) / Span Gas Concentration

**CERTIFICATION:** Based on the information and belief formed after reasonable inquiry, I certify that the statements and information contained in this report are true, accurate, and complete.

\_\_\_\_\_  
 Test Conducted By

\_\_\_\_\_  
 Signature

\_\_\_\_\_  
 Title

\_\_\_\_\_  
 Date