

CALIFORNIA AIR RESOURCES BOARD
MONTHLY QUALITY MAINTENANCE CHECK SHEET
API MODEL 300E CARBON MONOXIDE ANALYZER

Location: _____ Month/Year _____
 Station Number: _____ Technician: _____
 Property Number: _____ Agency: CARB _____

Diagnostic Parameters		Readings				
	Date:					
Time						
Range	PPM					
Stability	PPM					
CO Meas	3600 – 4800					
CO Ref	3000 – 4000					
MR. Ratio						
Sample Press	<15->35 in-Hg					
Vacuum	IN—HG—A					
Sample Flow	<500cc/min					
Sample Temp	<10° C - >100°					
Bench Temp	48°C ± 5°					
Wheel Temp	68°C ± 5°					
Box Temp	<5° C to >48°					
PHT Drive	1000 – 3000					
Slope						
Offset						

OPERATOR INSTRUCTIONS:

1. Daily Checks: Check sample flow chart trace for proper operation.
2. Weekly Checks: Perform Zero and Span Checks
 Change Inlet Particulate Filter: Date: _____ / _____ / _____ / _____
3. Monthly: Complete and submit monthly maintenance check sheet.
4. Semi-Annual: Calibrate. Date last calibrated: _____.
5. As required: Clean optics and replace IR source.

Date	Comments or Maintenance Performed:

Reviewed by: _____ Date: _____