

**CALIFORNIA AIR REOURCES BOARD
MONTHLY QUALITY CONTROL MAINTENANCE CHECK SHEET
R&P PARTISOL 2000/2025 - FRM PM-2.5 AIR SAMPLER**

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

Maintenance Instructions for Daily Sampling:

After Each Run: Remove sampled filter; Download, record, and review sample data; Inspect WINS impactor and clean if necessary (if applicable); Install new sample filter; Program the sampler for next run.
 Weekly: Inspect water collector bottle and drain if necessary; Ship sampled filters along with the sample data to the originating laboratory.
 Monthly: Disassemble, clean, and inspect O-rings of the inlet; Clean interior cabinet and down tube; Clean or replace air intake filters; Inspect "V" Seals; Perform flow, temperature, pressure, and clock verification checks and record results; Perform leak check and record results. Clean very sharp cut cyclone (if applicable).
 Date last performed: _____
FORWARD THIS CHECK SHEET AND COPIES OF ALL SAMPLE FIELD DATA SHEETS TO SECOND LEVEL REVIEWER.

Semiannually: Perform flow, temperature, and pressure calibrations;
 Date last performed: _____

Results

ACTION	Standard	Sampler	Difference	Control Limits*
Flow Rate				± 4% or 16.00-17.34
Ambient Temp.				± 2°C
Ambient Pressure				±10 mm Hg
Clock Time (PST)				± 2 Min
Leak Check				<25 mm Hg

* If the check exceeds limits, investigate to determine cause and repeat check immediately. If second check also exceeds limits, request a re-calibration.

Standards

Standard	Make/Model	Serial I.D. Number	Date Certified	Slope	Intercept
Flow Rate					
Temperature					
Pressure					

Operator Comments:

Reviewed by: _____ Date: _____