

CALIFORNIA AIR RESOURCES BOARD
 MONTHLY QUALITY MAINTENANCE CHECK SHEET
MetOne Speciation Air Sampling System [SASS] PM-2.5 AIR Sampler

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

Operator Information

- 1) Each Run: Review event logs to ensure proper SASS operation. Run field blanks as directed by the laboratory.
- 2) Monthly Checks: Submit SASS Monthly Quality Control Maintenance Sheet. Clean SCC Inlets. Perform a leak check. Perform inlet flow checks. Perform temperature and pressure sensor checks.
- 3) Semi-Annual Checks: Perform verification/calibration of the external ambient temperature sensor, pressure sensor, and volumetric flow controller. Date last performed:

TRANSFER STANDARD USED		
Make/Model	Serial/I.D. Number	Date Certified

DATE AND TIME CHECKS			
Sampler Display (PST) Date/Time	Transfer Standard (PST) Date/Time	Date and Time Agree ± 2 min	Action Taken

LEAK CHECKS			
Channel Number	Leak Check Value	Agreement ≤ 0.1 LPM?	Action Taken And Recheck Results
1) Mass			
2) NO ₃ /SO ₄			
3			

TEMPERATURE VERIFICATION				
Sensor Location	Sampler Display (°C)	Transfer Standard (°C)	Agreement within ± 2 °C?	Action Taken And Recheck Results
Ambient				

PRESSURE CHECKS				
Sensor Location	Sampler Display (mm Hg)	Transfer Standard (mm Hg)	Agreement within ± 10 mm Hg?	Action Taken And Recheck Results
Ambient				

FLOW RATE CHECKS					
Channel Number	Sampler Display (L/min)	Transfer Standard Display (L/min)	Design Flow Rate (L/min)	Agreement ± 4% 6.7 = 6.43-6.97	Action Taken and Recheck Results
1) Mass			6.7		
2) NO ₃ /SO ₄			6.7		
3)			6.7		

Comments:

Reviewed By: _____ Date: _____