

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 Instructions:

- 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: _____

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				Transfer Standard Name: Transfer Standard ID:	
Sensor Location	Sampler Display (°C)	Transfer Standard (°C)	Agreement within ± 2 °C?	Action Taken And Recheck Results	
Ambient					
PRESSURE CHECKS				Transfer Standard Name: Transfer Standard ID:	
Sensor Location	Sampler Display (mm Hg)	Transfer Standard (mm Hg)	Agreement within ± 10 mm Hg?	Action Taken And Recheck Results	
Ambient					
FLOW RATE CHECKS				Transfer Standard Name: Transfer Standard ID:	
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: _____