



## Recommended Maintenance and Calibration Schedule

This schedule represents frequencies we recommend to meet the highest data quality objectives. However, the AQSync was designed to produce reliable data with minimal intervention. Please contact us to discuss your specific situation and the minimum required maintenance for the AQSync in your monitoring location.

Task	3 Mo	6 Mo	9 Mo	12 Mo
<b>GENERAL</b>				
Change inlet filter membranes (every 3 months or up to every month if <u>very</u> dirty air)	•	•	•	•
<b>OZONE</b>				
Change internal scrubber and scrubber filter (minimum every 12 mo, preferably every 6 mo)		•		•
Check calibration in field with Model 714 Calibrator		•		•
Return module to 2B Tech/authorized distributor for calibration or replace with calibrated unit				•
<b>NO<sub>x</sub></b>				
Change LED				•
Check calibration in field with Model 714 Calibrator		•		•
Return module to 2B Tech/authorized distributor for calibration or replace with calibrated unit				•
<b>PM</b>				
Rotate pump filter membrane (every 3 months for dirty air)	•	•	•	•
Field check zero and flow rate		•		•
Adjust calibration factor based on comparison with co-located or nearby FEM monitor		•		•
Return module to 2B Tech/authorized distributor for calibration or replace with calibrated unit				•
<b>CO/TVOC/CH<sub>4</sub></b>				
Change CO sensor (if significant sensitivity drift has occurred)		•		•
Field check zero for CO and CH <sub>4</sub> (Requires tank of zero air)	•	•	•	•
<b>CO<sub>2</sub></b>				
Replace green inlet filter		•		•
Change soda lime zeroing scrubber		•		•
Return module to 2B Tech/authorized distributor for calibration or replace with calibrated unit				•