Apex Instruments, Inc.
204 Technology Park Lane
Fuquay-Varina, North Carolina 27526 USA
tel: (919) 557-7300 / fax: (919) 557-7110
email: info@apexinst.com
web: www.apexinst.com

APEX *SOURCE TESTING EQUIPMENT*
INSTRUMENTS

Your Solution for Source Sampling Equipment

(800) 882-3214

XC-6000 OPERATOR'S CHECK LIST 2013

This is a basic guideline for the overall operation/maintenance of the XC-6000. Refer to the XC-6000 Operator Guide for specific information on configurations, Sample Run Profiles, Software Installation etc.

If operating under a specific State or Federal mandate additional requirements may apply.

Once a Sample Run has been started several items need to be monitored to ensure proper operation. As experience with a specific site is gained some items may be checked at less frequent periods.

Daily

1) Logon to the XC-6000 and verify unit is operating properly. This can be done via the network or you can connect directly through the front of theXC-6000 via USB or Ethernet. Verify sample flow, time, temperatures, volumes counting are being displayed etc.
2) Check any alarms and correct as necessary.
3) Check and record vacuum levels. This information has a direct correlation to the length a sample run can be. Once a baseline is established daily recording is not necessary.
4) Check water levels in the collection bottles and record. Use this information to estimate when the collection bottles need to be emptied. Bottles can not be emptied during a Sample Run. Once a baseline is established daily recording is not necessary.

End of sample run

1) Complete Post Leak procedure.
2) Remove and package Sorbent Traps for analysis per custody chain.
3) Visual inspection of Sorbent traps nuts and ferrules.
   Verify the ferrules seats on the probe are clean. Clean or
   replace as needed.
4) Check water level in the collection bottles and empty.
5) Check the ALUMA-SORB canisters/bottles and replace ALUMA-SORB as needed. ALUMA-SORB has blue beads that will turn pink as the ability of the ALUMA-SORB to absorb moisture depletes . A good recommendation would be if 50% of your ALUMA-SORB blue beads have turned pink , then you should refill or change your canisters.
6) Export Sample Run data to PC.

Quarterly

1) Perform Console Audit. Refer the XC-6000 Quarterly Audit Procedure. If the Console Audit fails recalibration/recertification will be required.
2) Visual inspection of all components for corrosion, deterioration etc. Inspect external electrical and plumbing connections etc. Replace or repair components as necessary.
3) Check the ALUMA-SORB canisters/bottles and replace ALUMA-SORB as needed.

Annual

1) As long as the Quarterly Console Audit's pass there is no annual recertification required for the XC-6000.
2) AK-6000 Audit Kit, or Reference device, used for the Console Audit requires annual certification.