**Step by step Partiosol 2025 QA audit:**

* Record all items as found upon arrival: in “WAIT” mode? Current time? Start time of next sample? Stop time of next sample? Filter ID of next sample?
* Remove Air Hose from bottom of supply column (left one). Remove supply column and record top filter ID or if no filter in column.
* Place a QA filter on topmost position in supply column. Level topmost filter in column housing with edge of column housing.
* Replace supply column and reattach Air Hose.
* Remove collection column (right side) and record its’ status. (Top filter ID or no filter, etc.) Replace.
* From WAIT MODE (top right of LCD screen), hit RUN/STOP key until “AUDIT or STOP” screen comes up.
* Choose F1 key for “AUDIT”
* Hit “MENU” key. Hit “MENU” key again.
* At “AUDIT” or “LK CHK” screen, choose “LK CHK” with down arrow key.
* Hit “ENTER” key.
* Advance your filter in supply column with “F4” key (filter advance)
* Wait for the Partisol to complete this advance.
* Verify this has happened by removing the supply column. Your QA filter should no longer be in the topmost position. Remove the collection column as well, and verify a NUMBERED air sample filter has been placed here. It SHOULD NOT be your QA filter. Replace both columns.
* Start the leak check procedure. Hit the F2 key (START). Choose the EXTERNAL.
* Place your leak check device on the down tube and close it.
* At “Filter in place “screen, choose F1 (YES).
* At “Audit device in place” screen. Choose F1 (ON).
* WAIT for the Partisol to complete the leak check.
* When complete, slowly open your leak check device on the down tube.
* Then hit any key (I use GHI3 key).
* Record the leak check results (XXmm) and success? Should be less than 25 mm to pass.
* Hit F5 key (Audit)
* Perform the Filter temp, (near the top of the sampling position housing, between the two filter columns), Ambient temp and Barometric Pressure comparison with your QA Standard device.
* Place your QA standard device on the down tube.
* Press F1 for PUMP to start
* Press F2 for VALVE to activate
* Record the Partisol flow vs. your QA standard flow.
* To complete the flow audit, press F2 key (VALVE) and then F1 key (PUMP) off
* Remove the collection Column (right side) and remove topmost filter (a NUMBERED air sample filter).
* Remove the supply column (left side) and place this NUMBERED air sample filter in the topmost position and level it with the top of the column housing. Verify the filter number to be placed in the sample position with the Partisol sampling schedule setup as found upon arrival.
* Replace both columns in the Partisol. Verify the air hose is still attached to the supply column.
* Hit F4 key to advance filter. WAIT for the Partisol to complete this maneuver.
* Retrieve and verify your QA filter from the collection column (right side). Replace the collection column.
* Remove supply column (left side) and verify next NUMBERED air sampling filter has been advanced.
* All filters should be back in the AS FOUND UPON ARRIVAL positions.
* Hit ESC key. Hit ESC key again.
* Hit RUN/STOP key. Verify the Partisol is back in the WAIT mode (upper right of screen)
* Verify the sampling information is identical to step one of this procedure. Have an SOP or Partisol Manual with you in case something goes wrong. Or call the operator, support QA, etc.