



Summa Canister Sampling Instructions

Taking a Grab Sample

Equipment Provided

Canister – 1.4 Liter cleaned, evacuated, valve checked for leaks, and certified (batch or individual depending on needs) by SPL before shipment, chain of custody, particulate filter & gauge.



Cap & Fitting

1 L Can w/Cap

Sampling Procedure:

1. Remove cap and fitting using $\frac{1}{2}$ " and $\frac{9}{16}$ " wrench from canister



2. Attach gauge to verify canister vacuum. Record Vacuum

1 L Can w/Cap removed ready for gauge vacuum check



Check & record can vacuum

3. Remove gauge and attach particulate filter. Canister should take no longer than 15 seconds to fill

Particulate Filter



4. Remove filter to verify and record final vacuum of canister. Replace canister cap
5. Label the sample canister and complete the chain of custody form.
6. Place the canister and the chain of custody form into the original box with bubble wrap and ship it back to the lab.

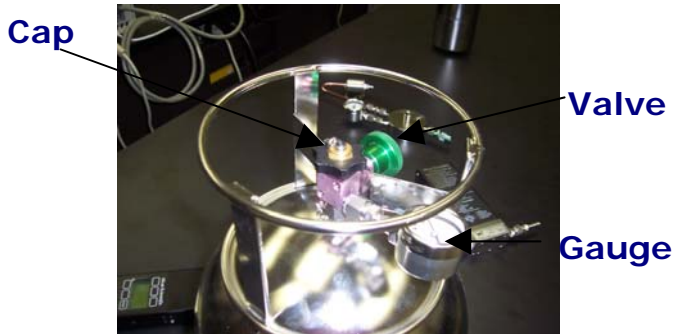
Taking a Time Integrated Sample

Equipment Provided

Canister – 6 Liter cleaned, evacuated, valve checked for leaks, and certified by SPL before shipment, chain of custody, & Flow controller (***Do not adjust any of the settings on the flow controller. It comes pre-calibrated to your sampling needs***)

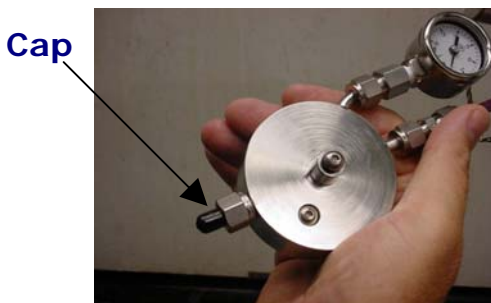
Sampling Procedure:

1. Verify contents & initial vacuum of canister.
2. Ensure that the green knob is completely closed. It should be turned clockwise with 2 fingers & thumb only! Never use a tool to tighten.

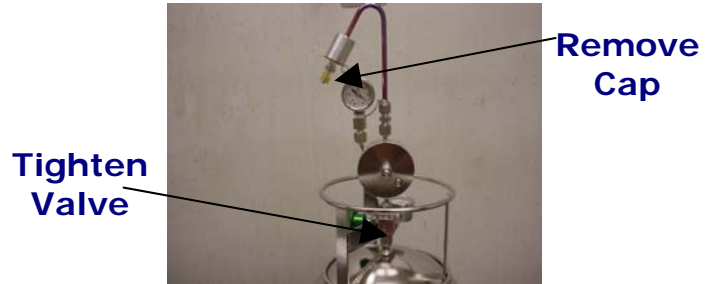


6 L Canister

3. Remove black valve cap by hand.
4. Remove black cap from valve connection on flow controller (Keep the cap to replace after sampling.)



5. Attach sample train to canister. Tighten with fingers first then gently tighten with a 9/16" wrench.



6. Remove brass cap from end of flow controller.
7. To open the valve turn the green knob counterclockwise approximately 1 ¼ turns.
8. Monitor sampling progress periodically.



9. At the end of the sampling period close the green valve by turning it clockwise. Do not over tighten & remove the flow controller and place the black cap over the end and the brass cap over the other end.
10. Record the final gauge reading.
11. Wrap the flow controller in bubble wrap.
12. Label the sample canister and complete the chain of custody form.
13. Place the canister, sample train and the chain of custody form into the original box with bubble wrap and ship it back to the lab.