

Canister Sampling Instructions



GRAB SAMPLES

1. Record the canister ID on the COC
2. Record the initial vacuum reading on the COC
3. Remove the brass dust cap with a 9/16" open ended wrench
4. Attach particulate filter to canister inlet, if requested
5. To start sampling, rotate the canister valve counter-clockwise until fully open
6. To stop sampling, close the canister valve by turning clockwise until fully closed
7. Replace the brass dust cap
8. Record the final vacuum reading on the COC



TIME INTEGRATED SAMPLES

1. Record the canister ID on the COC
2. Record the initial vacuum reading on the COC
3. Record the flow controller ID on the COC
4. Remove the brass dust cap with a 9/16" open ended wrench
5. Attach the flow controller (1/4" female fitting) to the canister inlet (1/4" male fitting)
6. The compression fittings are designed to be hand tightened then ¼ turn with a 9/16" open ended wrench
7. To start sampling, rotate the canister valve counter-clockwise until fully open
8. Record start time on the COC
9. To stop sampling after appropriate time lapse, close the canister valve by turning clockwise until fully closed
10. Record the stop time on the COC
11. Remove the flow controller
12. Replace the brass dust cap
13. Record the final vacuum reading on the COC



SOIL GAS SAMPLES

1. Record the canister ID on the COC
2. Record the initial vacuum reading on the COC
3. Record the flow controller ID on the COC
4. Remove the brass dust cap with a 9/16" open ended wrench
5. Attach the flow controller (1/4" female fitting) to the canister inlet (1/4" male fitting)
6. The compression fittings are designed to be hand tightened then ¼ turn with a 9/16" open ended wrench
7. Attach to sampling equipment
8. To start sampling, rotate the canister valve counter-clockwise until fully opened
9. Record the start time on the COC
10. To stop sampling, close the canister valve by turning clockwise until fully closed
11. Record the stop time on the COC
12. Remove the flow controller
13. Replace the brass dust cap
14. Record the final vacuum reading on the COC

If at any point you have questions, please call your Calscience Project Manager at 714.895.5494

The difference is service