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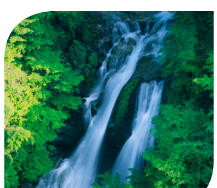


Air Sampling Using Quick Connects

Grab Sampling Procedure:

1. Using the included gauge, verify the initial vacuum reading of the canister. Pull up on the knurled part of the quick connect attached to the gauge, place it firmly onto the male end of the quick connect on the summa can and release. Record the reading. Remove the gauge by pulling up on the knurled part of the quick connect as before. Using the male quick connect attached to the gauge, release the vacuum in the gauge between readings.

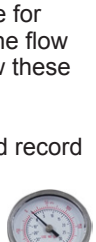
•Please note: the sampling must be stopped prior to can vacuum reaching 0.

2. Record the date, time and final vacuum of the canister and complete the Chain of Custody record/Field Test Data Sheets provided with the canister and the canister sample tag.

Time Integrated Sampling Procedure:

Summa canisters are completely evacuated to negative pressure (-30"Hg) before use. Once the quick connects are coupled, sample will be taken into the canister at a rate defined by the use of the flow controller. The flow rate for the calibrated controller is specified on the cover of the flow controller box.To use the flow controller, please follow these instructions.

1. Verify the initial vacuum reading of the canister and record the reading as in step one of grab sampling above.



2. Attach the flow controller to the top of the canister. Make sure any tubing or connections are made before attaching the flow controller to the Summa. Once the quick connects are coupled, the sample will start collecting. **Monitor sampling progress periodically.**

3. At the end of the sampling period, record the "end" time using the included gauge as explained above. While the ideal reading on the can gauge should be slightly negative, the actual can pressure will be tested with a calibrated gauge at the laboratory*.

4. Remove the flow controller and put it into its appropriate box (the number etched into the flow controller will match the number on the end of its box).

5.Record the final vacuum of the canister with the included gauge and complete the Chain of Custody Record/Field Test Data Sheets provided with the canister and the canister sample tag.

Additional Notes for sampling soil vapor

Clear all tubing of any water content prior to opening the valve. This will help minimize loss of water soluble analytes.

Soil vapor samples can adversely affect final vacuum pressure due to changes, both positive and negative, in air pressure. Regulators are finely calibrated to take in a precise amount of air under ambient conditions. However, changes in pressure at the soil vapor point can impact the amount of air going into the cans. This can result in final readings at 0 or above.

**The laboratory final readings may differ and are more accurate than field readings due to use of laboratory-calibrated equipment. Canister gauges are field equipment which are non-calibrated.*

INSTRUCTIONS SPECIFIC TO CT RCP AND MA MCP CAM

It is the sampler's responsibility to correctly identify the can and associated regulator serial #s for each sample collected. This is recorded by Eurofins Spectrum Analytical on the Chain of Custody Record/Field Test Data Sheets provided with each canister order. If the canisters and regulators are mismatched it is important to correct the serial #s on the COC so that the laboratory can identify which regulator was used with each can. All fields on the COC must be completed in order to meet Presumptive Certainty/Reasonable Confidence Protocol requirements.

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