



Sampling Equipment Info:

- EnvisionAir will provide canisters at no charge that are cleaned, certified, and leak checked prior to shipment/drop off.
- All equipment provided shall be used in sampling projects to be analyzed by EnvisionAir.
- EnvisionAir will provide free shipping or drop-off of all sampling equipment required. Coordinate with your EnvisionAir project manager to receive the sampling equipment required for your project objectives.
- Any canister received by the client that is damaged or defective should be immediately reported to EnvisionAir. Arrangements will be made to replace the canister.
- Do not remove canister tags, mark on the outside of the canister, or affix stickers/labels to canisters.

GRAB SAMPLING

1. Ensure the canister TOV valve is fully closed.
2. Remove the brass cap (use 9/16" wrench provided by EnvisionAir) from the top of the canister.
3. Open the TOV valve, turning counterclockwise until there is no resistance. You will hear a hissing noise as the vacuum dissipates and draws in air.
4. At the end of the sampling period, close the TOV valve by turning clockwise. Do not over-tighten.
5. Replace the brass cap on the canister and tighten.
6. Write the sample ID on the canister tag provided.
7. Complete the Chain of Custody form and record sample ID.
8. Return canister at ambient temperature to EnvisionAir for analysis.



TIME-INTEGRATED SAMPLING

1. The 6 Liter canister and flow controller will be located inside the canister carrying box.
2. Unpack the flow controller and canister. Ensure the TOV valve is fully closed and remove brass cap from canister. Using a 9/16" wrench (provided by EnvisionAir) tighten the flow controller brass nut onto the canister. A quarter inch turn past finger tight is usually sufficient. Leak check and proceed.
3. Open the TOV valve, turning counterclockwise until there is no resistance. Since the flow controller restricts the airflow, you will not hear a hissing noise as the vacuum dissipates and draws in air. Record the initial canister pressure.
4. At the end of the sampling period, close the TOV valve by turning clockwise. Do not over-tighten. Record final canister pressure on COC.
5. Remove the flow controller assembly and replace brass cap on canister.
6. Write the sample ID on the canister tag provided.
7. Complete the Chain of Custody form, including start/stop date and time, and record sample ID.
8. Return canister at ambient temperature to EnvisionAir for analysis.