



Welcome to the GLOBE Air Quality Campaign!

Instructions: Installing your Air Pollution Monitoring Tubes

Important

Upon receiving your Air Quality Pack, please remove the tubes from the pack and **store the tubes in the fridge** until it is time to put them up on September 26th.

Please put this pack in a safe place as you will need the accessories (plastic holder and cable tie) to mount the tubes and the return envelope to return your tubes on October 24th. **Thank you for your Participation!**



What is in my Air Quality pack?

- 2 Plastic Tubes; each tube has 2 caps – a grey cap and a white cap.
- 2 Black Plastic Holders
- 2 Long Cable Ties
- These Instructions and a GLOBE Observation Cloud Chart
- Return Envelope

Where do I install the tubes?

- 2 Tubes will need to be placed outside at/near your school.
 - Please place Tubes at 2-4 m height to avoid theft.
 - Choose 2 different locations: a heavily trafficked area (road, drop-off point) and a more sheltered area (playing field, yard).
- Avoid Local Sources of NO₂ such as near a generator.

Safety Considerations

- Care should be taken when hanging and taking down the diffusion tubes and holders.
- Tubes should only be hung with the assistance of a supervising adult.
- Please take all reasonable and suitable measures to ensure your own safety.





Putting Up the Tubes

On **September 26th**, remove the tubes from the fridge and gather your accessories.

1. Tube Holders should be placed first.
2. To install the holder – choose an object (fence, lamppost) and secure the holder to the object by sticking the clip and running the cable tie through the holder clip and around the object. You may snip the end of the cable tie if you wish.
3. Record the Tube Number (under bar code), the location of your tube (e.g., main road, sheltered) and the date and time of installation. **This information is required for laboratory analysis and will be collected.**
4. Take the white (lower cap) off and store it carefully as you will need to put it back on at the end of the 4 weeks.
5. You are now ready to clip the tube into the plastic holder, making sure the tube is vertical and the top cap (grey cap) remains on. No further action is needed.

**Tubes Up
September
26th**



Taking Down the Tubes

**Tubes Down
October 24th**

On **October 24th**, take the tubes down and remove accessories.

1. Remove the tube from the hanger and securely replace the white (lower) cap.
2. Record the Tube Number (under bar code) and the date and time you took down your tubes. **This information is required for laboratory analysis and will be collected.**
3. You are now ready to place the tubes into the return envelope you received in your air quality pack and put the tubes in the post immediately.

Important

Please check your email for important **links to an online form** to collect your **Tube numbers** and the **Installation and Collection Date and Time of your tubes**. This information is used by the laboratory to calculate exposure hours. Contact GLOBE Team with any questions - globe@eeu.antaisce.org