

Nitrogen Oxides Instructions

Safety: This tube contains an oxidising material in the black cap. This is safe when held within the construction of the tube. **DO NOT REMOVE THE BLACK CAP.** For information please refer to the MSDS supplied.

Shelf life: This pack has a shelf life of 6 weeks. Tubes must be exposed and returned for analysis within this period.

Tube storage: Tubes should be refrigerated before exposure and should not be subject to large variations in ambient temperature. Do not exceed the shelf life. If using blank tubes, do not remove the tube from the packaging. Store both tubes in the same conditions as the sampling tubes.

Fixing tubes: It is important that the end of the tube is in an area with a free circulation of air. Certain surfaces may act as absorbers leading to reduced atmospheric concentrations immediately adjacent to the tube. For this reason tubes should not be mounted directly onto a surface. Ideally a spacer of at least 5cm should be used between the surface and the tube. The spacer should not be placed in any form of recess (to avoid the possibility of sampling stagnant air). To avoid sampling in an area of higher than usual turbulence, tubes should not be located on the corner of a building.

Exposure:



1. Both tubes should be exposed in the same location simultaneously.
2. Remove tube from screw top container. Remove WHITE cap from both tubes. Keep caps and container in a safe place.
3. Position each tube vertically with the open end facing downwards during required sampling period (2-4 weeks).



4. **Label the tube and the exposure sheet clearly with the supplied barcode labels (see below).** After sampling, replace the WHITE caps on both tubes. Put the tube with the BLACK cap back into the screw top container.

Returning tubes: Tubes should be returned as soon as possible after exposure. Fill in exposure sheet including **exposure time**. Tubes should be returned in a sealed container, such as the plastic bag that they are received in.

Return address:

Gradko International Ltd, St Martins House, 77 Wales Street, Winchester, Hampshire, SO23 0RH.

Tel: +44 (0) 1962 860 331

Email: diffusion@gradko.com or enquiries@gradkolab.com

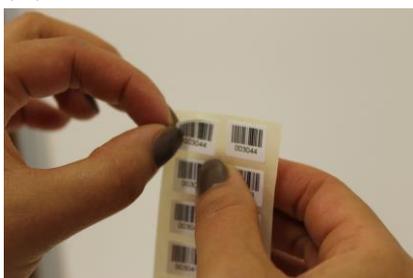
New Barcoding for Tubes

On receiving your delivery, you should find enclosed
 A copy of an exposure sheet
 A strip of bar codes
 Your tubes

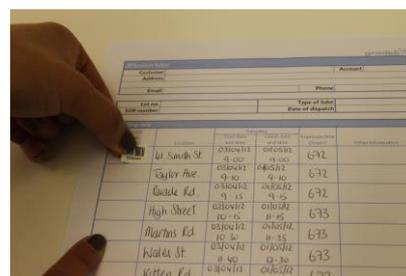


We recommend that you label your tubes (and sheets) at the point of placing the tubes on site.

Simply take the 1st of the duplicate labels (1.) and stick it to the appropriate location on the exposure sheet (2.).



1.



2.

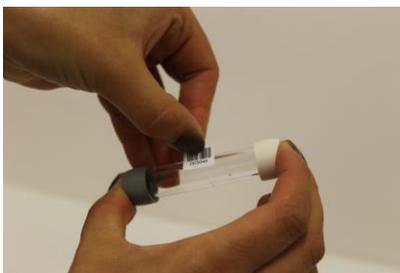
Then take the 2nd matching label (3.) and stick it to the tube exposed at the same location (4.).

Please take care to make sure the label is securely fixed to the tube (5.).
 These labels are treated to deal with the weather conditions.

3.



4.



5.

