

GASTEC Instructions for No.11NOX Nitrogen Oxides Detector Tube in CO₂

FOR SAFE OPERATION :

Carefully read this data sheet and the CO₂ Analyzer Manual from Airborne Labs International, Inc. before using this product.

⚠ WARNING :

1. Use this detector tube only with passivated CO₂ analyzers offered by Airborne Labs International, Inc.
2. This detector tube cannot be used with any Gastec Gas Sampling Pumps (GV-100, No.801, and No.401).

⚠ CAUTION : If not observed, operator injuries or hardware damage may result.

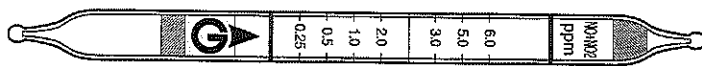
1. When breaking the tube ends, wear safety glasses and keep away from eyes.
2. Do not touch the broken glass tubes, pieces or reagent without using protective gloves.
3. Do not apply more than 138 KPag (20 psig, 1.4 barg) manifold gas pressure to this tube.

⚠ NOTES : For optimal performance and test result reliability.

1. Use the Test Methods and CO₂ analyzer models offered by Airborne Labs International, Inc.
2. Use this tube within a temperature range of 20 - 30°C (68 - 86°F).
3. Shelf life*, expiration date, lot number and required refrigerator storage conditions** for this tube are marked on the box cover.

SPECIFICATIONS :

(As a result of Gastec's commitment to continued improvement, specifications are subject to change without notice).



Measuring Range	0.25 – 6.0 ppm v/v @ 65 scc / min × 4.0 min = 260 scc CO ₂
Color Change for Nitrogen Oxides	White → Yellowish orange
Analyte Reaction Principle	Nitrogen Oxides oxidize to Nitrogen Dioxide, reacts with o-tolidine to nitroso-o-tolidine which changes the proprietary indicator to a yellowish orange.

*Shelf Life = 3 Yrs: Please refer to the Expiration Date printed on the box cover.

11NOX tubes must be stored in a cool and dark place. **DO NOT FREEZE.

MEASUREMENT PROCEDURE :

Follow 11NOX (nitrogen oxides) method instructions provided with CO₂ analyzer models available from Airborne Labs International, Inc.

DISPOSAL INSTRUCTIONS

Reagent of the tube uses toxic hexavalent chromium. When dispose of the tube regardless of whether used or unused, follow the rules and regulations of the local government. MSDS sheets are available from Gastec and Airborne Labs International, Inc.

If you have any questions regarding the safe and proper use of this tube or tube quality, please contact Gastec or Airborne Labs International, Inc*.**

*** Airborne Labs International, Inc. is a manufacturer of CO₂ Quality Analyzer Systems, which incorporate Gastec detector tubes as an integral part.

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