



Ph. 1-888-388-4782

NITROUS OXIDE MONITOR

INSTRUCTIONS

General.

The monitoring badge for Nitrous Oxide should be worn near the breathing zone to measure personal exposure. It can be placed in a room to measure the area concentration. Occupational exposure standards are based on personal exposure monitoring of each person who may be exposed to the gas as a normal part of their work.

The U.S. National Institute of Occupational Safety and Health (NIOSH) recommends a maximum average exposure of 25 ppm while the gas is in use. This is based on the level that can be reasonably achieved in an operating room or dental operatory. The American Conference of Government Industrial Hygienists (ACGIH) recommends an 8-hour average of 50 ppm. The ACGIH believes that exposure below this level will not lead to long-term health effects.

The monitoring badge should be used for a minimum duration of one patient, up to a maximum of 8 hours in one day. Do not use it for more than one workday.

Procedure.

1. Cut or tear open the pouch at the notch at the top. Pull away from the pouch when tearing.
2. Remove the monitoring badge from the package. Save all packaging materials.
3. Clip near the breathing zone for personal monitoring. For room monitoring, place at about the breathing level.
4. Record the "Start Time."
5. Expose the monitor for the recommended time period.
6. When test is complete, remove backing from aluminum foil and attach it securely to cover the hole in the top of the blue cap.
7. Record the "Stop Time."
8. Please fill in all requested information on the front of the "Zip-Loc" pouch, retaining any necessary information for your records. Place the exposed monitor in the plastic bag and then in the "Zip-Loc" pouch. **Make sure to close the 'Zip-Loc' seal completely.**
9. You may return badge in the addressed envelope provided. Results will be available within 48 hours after receipt.