

“Save
Your
Breath
With



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GENERAL MAINTENANCE FOR MST'S RESPIRATORY PROTECTOR® AND BREATHING AIR PANEL SERIES

MONITORS (5700/2002)

- 1) **CALIBRATION** - should be checked monthly after first month. If monitor is used on a non-continuous basis, calibration should be checked prior to use. NOTE: In calibrating, if the ZERO or SPAN potentiometer adjustments can not be made within required value range, the “CO” sensor may need to be replaced. (Approximate sensor life is 24 to 30 months).
- 2) **CALIBRATION GAS REQUIRED** - “ZERO” gas (or nitrogen, free of “CO”); “SPAN” gas (50 to 150 PPM of “CO” concentration in air). Flow to monitor 1.0 SCFH (472 cc/minute). NOTE: For Model 5800 monitor use 10 PPM “CO” SPAN gas only.
- 3) **MONITOR ALARMS** - should be checked prior to use. Refer to “Initial Start-Up Sheet” and the Monitor’s Manual.
- 4) **TEMPERATURE EXTREMES** - avoid extreme temperature changes, monitors best perform at temperature range: 32° - 100° F (0° to 40° C).
- 5) **MONITOR WARRANTY** - Monitor’s electronics (1) year - all warranty work must be performed at factory. Sensors carry a (2) warranty.

PURIFICATION SYSTEM

- 1) **SYSTEM’S FILTERS** - should last (320) hours on the average, depending on the supplied air quality. NOTE: A coarse oil/water extractor, (2 microns abs.) may be required if excess oil/water conditions are present. Installation should be prior to system. The System’s prefilter will handle oil/water down to .75 microns abs (DOP @ 99.97% efficiency).
- 2) **NEWLY INSTALLED FILTER SET** - purge air through system for (5) minutes prior to use of newly installed filter sets.
- 3) **DORMANT PURIFICATION SYSTEM** - if unit is not to be used for an extended period of time; before storing, check 3rd and 4th stage filters for presence of moisture. If moisture is present dry system and replace all filters. Consider placing a coarse oil/water extractor prior to our system hook-up. If filters are dry, filters can be left in system.
- 4) **FILTER SET SHELF LIFE** - indefinite, but should be stored in cool/dry storage area.