

**"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 cannot 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). Avoid pressurizing system and releasing air quickly from the inlet side of the system. This causes a backflow situation and can cause the charcoal in the 3rd stage to accumulate on the outside of the prefilter element. Allow the air to be released from the downstream (outlet) side of the system.
- 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.