



Appendix A Standard: **Confined Space**

Air Monitoring Monthly Inspection

Industrial Scientific SP402



Date: _____ Serial #: _____

Instructions: Complete form on a monthly basis. Form should be returned to the Equipment Supervisor and kept on file for the life of the unit.

INSPECTION INSTRUCTIONS	SATISFACTORY Place a check mark if "yes"	UNSATISFACTORY OR Note any adjustments made
Does unit obtains full charge?		
Does pump operate?		
Does the Green LED display properly?		
Do alarms operate? (block air inlet with finger)		
Does the Red LED display properly ?		
Is the outlet port to sensor device clear?		
Is the water stop filter in place		
Filter test 1. Remove filter. 2. Hold the filter up to a light source. 3. Check filter appearance: 4. Turn on pump (with filter reinstalled). 5. Low flow alarm should sound 6. Remove filter. If the filter appears dirty or the pump speed increased noticeably when the filter is removed, install a new filter.		
Is sample tubing clean and free of obstructions		
Is the sensor sealing gasket in good condition		
Are velcro straps in good condition		
Overall condition		
Comments:		

Inspected by: _____ Signature: _____
PRINT NAME

Next Monthly Inspection Due on: _____

Industrial Scientific TMX412

Air Monitoring Device Monthly Calibration Log



Date: _____ Serial #: _____

Instructions: Complete form on a monthly basis. Form should be returned to the Equipment Supervisor and kept on file for the life of the instrument.

CALIBRATION INSTRUCTIONS	SATISFACTORY Place a check mark if "yes"	UNSATISFACTORY OR Note any adjustments made
Turn instrument on by pressing and holding the "Mode" button. Is the alarm operational?		
Does the battery obtain a full charge? Is the battery indicator operational?		
Once instrument has warmed up and finished countdown sequence, do all sensors display without error?		
Zero instrument using the procedure on page twelve of the manual. When zeroing the instrument it will display a failure condition if any of the sensors fail. Are all sensors operational? Did the unit zero properly and without error?		
Press black mode button three times to view peak readings. Peak readings must all be zero, if not press E to clear peak readings. Peak readings clear?		
Calibrate (Span) the instrument using the procedures in the device instruction manual. Connect span gas and record variance for each sensor below		
<ul style="list-style-type: none"> • When device completes calibration it returns to monitoring screen. • Close the sample tank valve, remove the sample tank and wait for the device to clear alarm condition. • Press black mode button three times to view peak readings. • When peak readings are recorded press "E" to clear peaks. • If passed, zero device once again. 		

<u>Gas</u>	<u>Failure</u>	<u>Marginal Acceptance</u>	<u>Acceptable</u>	<u>Reading</u>
LEL	Reading <13	13>= Reading <=17	Reading >17	_____
H ₂ S	Reading <13	13>= Reading <=17	Reading >17	_____
CO	Reading <50	50>= Reading <=70	Reading >70	_____

Inspected by: _____ Signature: _____
PRINT NAME

Next Monthly Inspection Due on: _____