APPENDIX A
SENSOR SPECIFICATIONS

CARBON MONOXIDE

(Low Hydrogen Interference)
(0-100 ppm)
Part No. 198262-D-1

Minimum Indicated Concentration	4 ppm
Repeatability	± 2% of reading
Accuracy *	± 10% of full scale
Zero Drift	< 5% change per year (typical)
Span Drift	< 2% change per month (typical)
Response Time (Rise)	T_{50}: < 10 seconds, (typical) T_{90}: < 30 seconds, successive exposures
Recovery Time (Fall)	T_{10}: < 45 seconds
Temperature Range	-20° to 45°C (-4° to 113°F)
Humidity Range (continuous)	5–95 %RH, non-condensing
Humidity Range (intermittent†)	0–99 %RH, non-condensing
Pressure Range	Ambient atmospheric, ± 1 psi
Recommended Calibration Flow rate	1.0 LPM
Oxygen Requirement	1% by volume, minimum

† Gas exposure should not exceed eight (8) hours during any 24 hour period.
** When unit is calibrated and serviced at recommended intervals.*

HYDROGEN CROSS-INTERFERENCE with Temperature (250 ppm H_2 Challenge)

Temperature	Sensor Output
23° C	23 ppm
45° C	50 ppm

HYDROGEN CROSS-INTERFERENCE with Hydrogen Concentration (@ 25° C)

Hydrogen Concentration	Sensor Output
50 ppm	4 ppm
100 ppm	8 ppm
250 ppm	23 ppm
500 ppm	35 ppm

Interferent Notes

If an interferent is present and there is no target gas, certain transmitters will not display the interferent response until the EFFECT of the interferent reaches ± 4 ppm. This is due to display "blanking" that occurs between -3 ppm and + 3 ppm on transmitters that display gas concentrations as whole numbers (no decimals).