

K-33 ICB 10% vs K-33 ICB 30% CO2 Sensor Accuracy Test

10% Data Logger Test				
Test Gas	CO2 Concentration	Reading	Deviation	Error %
100% Nitrogen	-	150	150	
1% CO2	10,000	10,080	80	0.8%
5% CO2	50,000	50,190	190	0.4%
10% CO2	100,000	101,410	1,410	1.4%
15% CO2	150,000	120,000	(30,000)	-20.0%

	100% Nitro	1% CO2	5% CO2	10% CO2	15% CO2
CO2 PPM	0	10,000	50,000	100,000	150,000
10% Sensor	150	10,080	50,190	101,410	120,000
30% Sensor	160	11,400	46,650	92,900	141,610

30% Data Logger Test				
Test Gas	CO2 Concentration	Reading	Deviation	Error %
100% Nitrogen	-	160	160	
1% CO2	10,000	11,400	1,400	14.0%
5% CO2	50,000	46,650	(3,350)	-6.7%
10% CO2	100,000	92,900	(7,100)	-7.1%
15% CO2	150,000	141,610	(8,390)	-5.6%

