

14th August 2015

Sample ISC sensors tested under simulated ISC QA test conditions.

Test gas = air

B464	ppO2 (bar)	mV actual	mV ideal	Linearity error	
	0.207	11.3	11.3	0.0	
	0.500	27.1	27.3	-0.7	PASS
	0.700	37.8	38.2	-1.1	PASS
	1.000	53.7	54.6	-1.6	PASS
	1.200	64.2	65.5	-2.0	PASS
	1.300	69.2	71.0	-2.5	PASS
	1.400	74.3	76.4	-2.8	PASS
	1.500	79.3	81.9	-3.2	PASS
	1.600	84.2	87.3	-3.6	PASS
	1.700	89.1	92.8	-4.0	FAIL
	1.800	94.0	98.3	-4.3	FAIL
C 477	ppO2 (bar)	mV actual	mV ideal	Linearity error	
	0.207	11.7	11.7	0.0	
	0.500	28.0	28.3	-0.9	PASS
	0.700	39.1	39.6	-1.2	PASS
	1.000	55.4	56.5	-2.0	PASS
	1.200	66.2	67.8	-2.4	PASS
	1.300	71.3	73.5	-3.0	PASS
	1.400	76.5	79.1	-3.3	PASS
	1.500	81.6	84.8	-3.8	PASS
	1.600	86.6	90.4	-4.2	FAIL
	1.700	91.6	96.1	-4.7	FAIL
	1.800	96.5	101.7	-5.1	FAIL
D 558	ppO2 (bar)	mV actual	mV ideal	Linearity error	
	0.207	11.0	11.0	0.0	
	0.500	26.3	26.6	-1.0	PASS
	0.700	36.7	37.2	-1.3	PASS
	1.000	52.1	53.1	-2.0	PASS
	1.200	62.2	63.8	-2.5	PASS
	1.300	67.0	69.1	-3.0	PASS
	1.400	71.9	74.4	-3.4	PASS
	1.500	76.6	79.7	-3.9	PASS
	1.600	81.3	85.0	-4.4	FAIL
	1.700	86.0	90.3	-4.8	FAIL
	1.800	90.6	95.7	-5.3	FAIL

G 4	ppO2 (bar)	mV actual	mV ideal	Linearity error	
	0.207	10.8	10.8	0.0	
	0.500	26.1	26.1	0.1	PASS
	0.700	36.4	36.5	-0.3	PASS
	1.000	51.9	52.2	-0.5	PASS
	1.200	61.9	62.6	-1.1	PASS
	1.300	66.8	67.8	-1.5	PASS
	1.400	71.6	73.0	-2.0	PASS
	1.500	75.9	78.3	-3.0	PASS
	1.600	80.9	83.5	-3.1	PASS
	1.700	85.3	88.7	-3.8	FAIL
	1.800	90.0	93.9	-4.2	FAIL