

Document	RP5285	
Prepared by	Peri M.	
Test GAS	NH3	
Full scale	5000 ppm	
Type of test	Interference test, NH3 applied to SF6 sensors with 500ppm as F.S (at ambient temperature)	
Change note	Revision	Date
Emission	0	06/10/2023



Concentration applied (ppm)	Address	Serial No	Concentration (ppm)	Concentration (%F.S)	Active	Reference	Temperature
0	1	240423	0	-0,163145	1016,58	534,91	32,1
100	1	240423	1	0,217366	1014,39	534,58	32,1
300	1	240423	6	1,130425	1010,81	534,75	32,38
500	1	240423	10	2,069034	1007,5	534,76	32,64
2500	1	240423	56	11,19658	976,66	535,76	34,53
5000	1	240423	102	20,41078	949,53	535,27	34,94

Concentration applied (ppm)	Address	Serial No	Concentration (ppm)	Concentration (%F.S)	Active	Reference	Temperature
0	2	240425	0	-0,2039	1050,21	538,55	31,03
100	2	240425	0	-0,093928	1048,64	538,06	30,97
300	2	240425	4	0,838097	1044,84	538,32	31,12
500	2	240425	8	1,504035	1041,29	538,17	31,27
2500	2	240425	48	9,55114	1007,79	537,91	33,08
5000	2	240425	89	17,875698	978,11	537,48	33,44

Concentration applied (ppm)	Address	Serial No	Concentration (ppm)	Concentration (%F.S)	Active	Reference	Temperature
0	3	240428	1	0,147452	994,27	537,8	31,64
100	3	240428	1	0,264466	993,95	537,93	31,76
300	3	240428	4	0,855078	990,18	537,38	32,14
500	3	240428	8	1,543038	987,28	537,44	32,37
2500	3	240428	46	9,247608	959,23	538,51	34,24
5000	3	240428	86	17,046047	932,89	538,36	34,67

Concentration applied (ppm)	Address	Serial No	Concentration (ppm)	Concentration (%F.S)	Active	Reference	Temperature
0	4	240427	0	-0,093817	1026,64	553,54	31,65
100	4	240427	1	0,261717	1025,33	553,73	31,65
300	4	240427	4	0,782552	1022,22	553,26	31,8
500	4	240427	7	1,428306	1018,89	553,22	32,02
2500	4	240427	47	9,367008	985,97	553,79	33,71
5000	4	240427	86	17,157406	956,76	553,35	34,18

Concentration applied (ppm)	Address	Serial No	Concentration (ppm)	Concentration (%F.S)	Active	Reference	Temperature
0	5	240430	0	0,113808	1031,81	522,73	31,79
100	5	240430	1	0,210361	1031,65	522,86	31,78
300	5	240430	4	0,837095	1028,22	522,68	32,07
500	5	240430	8	1,621907	1023,98	522,18	32,27
2500	5	240430	41	8,183323	993,5	522,17	33,66
5000	5	240430	80	15,890819	965,62	521,64	34,07

Concentration applied (ppm)	Address	Serial No	Concentration (ppm)	Concentration (%F.S)	Active	Reference	Temperature
0	6	240432	0	-0,630167	1045,99	525,15	30,73
100	6	240432	0	-0,492752	1045,45	525,11	30,84
300	6	240432	5	0,939568	1044,76	528,21	33,05
500	6	240432	9	1,712799	1042,31	528,47	32,87
2500	6	240432	44	8,774227	1008,02	521,83	32,24
5000	6	240432	80	15,97897	979,9	521,1	32,96

