

Test ID:	FN5B 19048
Date:	1/30/20

ISS-1										
Test Duration (hh:mm:ss)	T _i	V _m	v _i	T _m	T _e	V _m	v _i	T _i	T _m	PR
0:00:00			0.17							
0:10:00	10	0.061	1.146802	288.7	328.6222	0.061	0.66	289.5692	288.7056	198
0:20:00	20	0.059	1.079543	288.7	342.8722	0.120	1.11	315.1209	288.7056	104
0:30:00	30	0.062	0.918889	288.8	348.4556	0.182	1.00	336.2981	288.8444	97
0:40:00	40	0.060	0.834472	289.3	350.5111	0.242	0.88	354.5646	290.0944	93
0:50:00	50	0.060	0.79304	289.7	351.5111	0.302	0.81	364.7867	291.6222	92
1:00:00	60	0.060	0.788991	290.2	351.8444	0.361	0.79	373.5735	292.4556	92
1:10:00	70	0.061	0.772136	290.6	352.4278	0.423	0.78	378.9198	293.2889	93
1:20:00	80	0.062	0.771413	291.0	351.9278	0.484	0.77	383.8894	293.9833	92
1:30:00	90	0.061	0.771826	291.4	353.0389	0.545	0.77	387.3447	294.5389	91
1:40:00	100	0.061	0.768355	291.8	354.15	0.606	0.77	389.9689	295.0944	90
1:50:00	110	0.062	0.75841	292.1	354.1778	0.668	0.76	392.8212	295.65	90
2:00:00	120	0.064	0.756303	292.4	339.2333	0.733	0.76	394.8676	296.2056	89.15748
2:10:00	130	0.065	0.79919	292.8	339.0944	0.798	0.78	395.8078	296.6222	92.03703
2:20:00	140	0.069	0.874699	293.0	338.0667	0.866	0.84	395.4147	296.7611	98.28968
2:30:00	150	0.071	0.861928	293.3	339.8167	0.937	0.87	394.9333	296.9	95.40576
2:40:00	160	0.070	0.877326	293.5	338.8167	1.008	0.87	394.5372	297.1778	95.62051
2:50:00	170	0.070	0.865963	293.7	338.65	1.078	0.87	394.2878	297.4556	93.33946
3:00:00	180	0.070	0.868313	293.9	338.6778	1.148	0.87	394.0079	297.5944	93.7917
3:10:00	190	0.070	0.869679	294.1	338.0944	1.218	0.87	393.7485	297.5944	93.01387
3:20:00	200	0.070	0.868933	294.3	341.5389	1.289	0.87	393.4861	297.5944	93.51777
3:30:00	210	0.069	0.878708	294.5	337.8722	1.358	0.87	393.3796	297.7333	91.643
3:40:00	220	0.070	0.860329	294.6	338.6778	1.428	0.87	393.2013	297.8722	90.65587
3:50:00	230	0.071	0.877201	294.7	338.7056	1.499	0.87	393.0196	297.8722	94.26532
4:00:00	240	0.072	0.870924	294.9	334.5667	1.571	0.87	392.7959	297.8722	92.488357
4:10:00	250	0.075	0.881487	295.0	328.8444	1.646	0.88	392.6087	297.8722	94.57874
4:20:00	260	0.075	0.919135	295.1	328.7611	1.720	0.90	391.7215	297.8722	95.71446
4:30:00	270	0.075	0.915507	295.2	327.9	1.795	0.92	390.8878	297.8722	93.11413
4:40:00	280	0.077	0.915782	295.3	328.1222	1.872	0.92	390.1869	297.8722	96.38622
4:50:00	290	0.078	0.916334	295.4	329.8167	1.951	0.92	389.3766	297.8722	97.79757
5:00:00	300	0.078	0.906379	295.4	327.4278	2.028	0.91	388.7787	297.8722	95.34254
5:10:00	310	0.078	0.913032	295.5	328.5667	2.106	0.91	388.1241	297.7333	96.49188
5:20:00	320	0.078	0.917025	295.6	328.2056	2.184	0.92	387.5766	297.5944	96.35032
5:30:00	330	0.078	0.91918	295.6	327.4	2.262	0.92	386.9068	297.5944	95.31578
5:40:00	340	0.077	0.919104	295.7	328.7333	2.339	0.92	386.4036	297.5944	95.12747
5:50:00	350	0.077	0.915644	295.7	327.7333	2.416	0.92	385.8528	297.4556	94.04719
6:00:00	360	0.077	0.917856	295.8	328.5944	2.493	0.92	385.3647	297.1778	94.83869
6:10:00	370	0.078	0.925236	295.8	328.3722	2.571	0.92	384.9539	296.7611	95.31962
6:20:00	380	0.077	0.918827	295.8	328.6778	2.648	0.92	384.4593	296.3444	94.33014
6:30:00	390	0.076	0.924957	295.8	329.2333	2.725	0.92	384.0885	295.9278	93.90765
6:40:00	400	0.078	0.915782	295.8	329.1778	2.802	0.92	383.6777	295.65	94.59665
6:50:00	410	0.078	0.916472	295.8	328.4556	2.881	0.92	383.3462	295.7889	95.69619
7:00:00	420	0.079	0.915582	295.8	288.65	2.960	0.92	382.9849	295.9278	84.86531

ISS-2										
Test Duration (hh:mm:ss)	T _i	V _m	v _i	T _m	T _e	V _m	v _i	T _i	T _m	PR
0:00:00			0.17							
0:10:00	10	0.060145	1.146802	286.4833	290.4833	0.060145	0.66	289.5692	286.4833	175
0:20:00	20	0.060173	1.079543	286.7611	328.6222	0.120318	1.11	315.1209	286.7611	101
0:30:00	30	0.060332	0.918889	287.3167	342.8722	0.18035	1.00	336.2981	287.3167	94
0:40:00	40	0.06074	0.834472	288.4278	348.4556	0.24109	0.88	354.5646	288.4278	94
0:50:00	50	0.061589	0.79304	289.5389	350.5111	0.302679	0.81	364.7867	289.5389	95
1:00:00	60	0.061448	0.788991	289.8167	351.5111	0.364126	0.79	373.5735	289.8167	95
1:10:00	70	0.06258	0.772136	290.65	351.8444	0.426707	0.78	378.9198	290.65	94
1:20:00	80	0.062722	0.771413	292.3167	352.4278	0.489428	0.77	383.8894	292.3167	94
1:30:00	90	0.062155	0.771826	293.4278	351.9278	0.551584	0.77	387.3447	293.4278	92
1:40:00	100	0.064138	0.769355	293.7056	353.0389	0.615722	0.77	389.9689	293.7056	94
1:50:00	110	0.063005	0.75841	294.2611	354.15	0.678726	0.76	392.8212	294.2611	91
2:00:00	120	0.066261	0.756303	295.0944	354.1778	0.744988	0.76	394.8676	295.0944	95.60002
2:10:00	130	0.067111	0.79919	295.65	339.2333	0.812099	0.78	395.8078	295.65	94.61368
2:20:00	140	0.069235	0.874699	296.2056	339.0944	0.881334	0.84	395.4147	296.2056	98.56923
2:30:00	150	0.070084	0.861928	296.4833	338.0667	0.954118	0.87	394.9333	296.4833	93.88869
2:40:00	160	0.073057	0.877326	296.7611	339.8167	1.024475	0.87	394.5372	296.7611	99.14433
2:50:00	170	0.072066	0.865963	297.0389	338.8167	1.096542	0.87	394.2878	297.0389	95.38233
3:00:00	180	0.071925	0.868313	297.0389	338.65	1.168466	0.87	394.0079	297.0389	95.36061
3:10:00	190	0.071783	0.869679	297.0389	338.6778	1.24025	0.87	393.7485	297.0389	94.66214
3:20:00	200	0.072066	0.868933	297.0389	338.0944	1.312316	0.87	393.4861	297.0389	94.3293
3:30:00	210	0.071075	0.878708	297.0389	341.5389	1.383391	0.87	393.3796	297.0389	94.1984
3:40:00	220	0.072916	0.860329	297.0389	337.8722	1.456307	0.87	393.2013	297.0389	93.65158
3:50:00	230	0.071642	0.877201	297.0389	338.6778	1.527949	0.87	393.0196	297.0389	93.83259
4:00:00	240	0.073624	0.870924	297.0389	338.7056	1.601573	0.87	392.7959	297.0389	94.79298
4:10:00	250	0.076172	0.881487	297.0389	334.5667	1.677745	0.88	392.6087	297.0389	97.30696
4:20:00	260	0.076314	0.919135	297.0389	328.8444	1.754059	0.90	391.7215	297.0389	96.34662
4:30:00	270	0.076455	0.915507	297.3167	328.7611	1.830514	0.92	390.8878	297.3167	94.6603
4:40:00	280	0.077305	0.915782	297.5944	327.9	1.907819	0.92	390.1869	297.5944	95.35917
4:50:00	290	0.079146	0.916334	297.3167	328.1222	1.986065	0.92	389.3766	297.3167	97.37134
5:00:00	300	0.080278	0.906379	297.3167	329.8167	2.067243	0.91	388.7787	297.3167	98.29224
5:10:00	310	0.080703	0.913032	297.5944	327.4278	2.147946	0.91	388.1241	297.5944	98.61846
5:20:00	320	0.079287	0.917025	297.5944	328.5667	2.227233	0.92	387.5766	297.5944	96.78315
5:30:00	330	0.079429	0.91918	297.5944	328.2056	2.306662	0.92	386.9068	297.5944	96.53899
5:40:00	340	0.079287	0.919104	297.3167	327.4	2.385949	0.92	386.4036	297.3167	95.69604
5:50:00	350	0.080986	0.915644	297.0389	328.7333	2.466935	0.92	385.8528	297.0389	97.70653
6:00:00	360	0.077588	0.917856	297.0389	327.7333	2.544524	0.92	385.3647	297.0389	93.46816
6:10:00	370	0.081269	0.925236	297.0389	328.5944	2.625793	0.92	384.9539	297.0389	98.14203
6:20:00	380	0.08042	0.918827	296.7611	328.3722	2.706213	0.92	384.4593	296.7611	96.1145
6:30:00	390	0.080137	0.924957	296.2056	328.6778	2.786349	0.92	384.0885	296.2056	96.30325
6:40:00	400	0.080845	0.915782	295.9278	329.2333	2.867194	0.92	383.6777	295.9278	96.29887
6:50:00	410	0.081269	0.916472	295.9278	329.1778	2.948463	0.92	383.3462	295.9278	97.07732
7:00:00	420	0.080703	0.915582	295.9278	328.4556	3.029166	0.92	382.9849	295.9278	95.91789

T _i	total sampling time	min
V _m	volume of dry gas sample as measured by dry gas meter during each 10 minute interval, <i>i</i> , of the test run	dry m ³
v _i	average gas velocity in the dilution tunnel (gas molecular weight may be assumed to be 29g/gmol)	m/s
T _m	absolute average dry gas meter temperature	K
T _e	absolute average gas temperature in the dilution tunnel during each 10 min interval, <i>i</i> , of test run	K
V _m	volume of gas sample as measured by dry gas meter	dry m ³
v _e	average gas velocity in the dilution tunnel during each 10 min interval, <i>i</i> , of the test run	m/s
T _i	absolute average gas temperature in the dilution tunnel	K
T _m	absolute average dry gas meter temperature during each 10 min interval, <i>i</i> , of the test run	K
PR	proportional rate variation for each 10 minute interval	%

7:10:00	430	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
7:20:00	440	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
7:30:00	450	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
7:40:00	460	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
7:50:00	470	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
8:00:00	480	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
8:10:00	490	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
8:20:00	500	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
8:30:00	510	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
8:40:00	520	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
8:50:00	530	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
9:00:00	540	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
9:10:00	550	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
9:20:00	560	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
9:30:00	570	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
9:40:00	580	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
9:50:00	590	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
10:00:00	600	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
10:10:00	610	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
10:20:00	620	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
10:30:00	630	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
10:40:00	640	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
10:50:00	650	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
11:00:00	660	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
11:10:00	670	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
11:20:00	680	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
11:30:00	690	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
11:40:00	700	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
11:50:00	710	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
12:00:00	720	Error	#DIV/0!	Error	0	Error	#DIV/0!	382.9849	Error	#VALUE!

7:10:00	430	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
7:20:00	440	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
7:30:00	450	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
7:40:00	460	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
7:50:00	470	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
8:00:00	480	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
8:10:00	490	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
8:20:00	500	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
8:30:00	510	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
8:40:00	520	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
8:50:00	530	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
9:00:00	540	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
9:10:00	550	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
9:20:00	560	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
9:30:00	570	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
9:40:00	580	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
9:50:00	590	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
10:00:00	600	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
10:10:00	610	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
10:20:00	620	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
10:30:00	630	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
10:40:00	640	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
10:50:00	650	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
11:00:00	660	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
11:10:00	670	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
11:20:00	680	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
11:30:00	690	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
11:40:00	700	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
11:50:00	710	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!
12:00:00	720	Error	#DIV/0!	Error	288.65	Error	#DIV/0!	382.9849	Error	#VALUE!