

Test ID:	FN5B 19048
Date:	1/23/20

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	1.322516	289.0	324.1222	0.061	0.74	289.7056	288.9833	198.7426	
0:20:00	20	0.057	0.890929	289.2	338.0667	0.118	1.11	314.2161	289.2611	83.52249	
0:30:00	30	0.058	0.79692	289.3	343.2056	0.176	0.84	332.9667	289.6778	96.79552	
0:40:00	40	0.061	0.76313	289.7	344.9	0.237	0.78	349.3194	290.3722	98.9802	
0:50:00	50	0.062	0.728	289.9	345.8167	0.299	0.75	358.7978	291.0667	97.37842	
1:00:00	60	0.063	0.738849	290.2	346.7889	0.362	0.73	366.4915	291.4833	98.82943	
1:10:00	70	0.062	0.717952	290.5	347.7889	0.424	0.73	371.254	292.1778	94.14473	
1:20:00	80	0.063	0.714802	290.8	348.0944	0.488	0.72	375.8866	292.8722	95.27329	
1:30:00	90	0.063	0.720942	291.1	348.5944	0.550	0.72	379.1793	293.5667	94.10713	
1:40:00	100	0.065	0.704029	291.4	348.4833	0.616	0.71	381.7317	294.1222	94.74254	
1:50:00	110	0.065	0.702688	291.7	348.2333	0.681	0.70	384.3747	294.5389	94.68946	
2:00:00	120	0.064	0.732532	292.0	336.4833	0.745	0.72	386.0796	295.0944	90.53863	
2:10:00	130	0.064	0.787457	292.2	335.3444	0.809	0.76	387.0631	295.65	91.07196	
2:20:00	140	0.067	0.820315	292.5	335.65	0.876	0.80	386.671	296.0667	93.8726	
2:30:00	150	0.068	0.834039	292.8	336.2889	0.944	0.83	386.2916	296.4833	93.79686	
2:40:00	160	0.069	0.837	293.0	336.3167	1.013	0.84	386.1252	296.7611	93.64787	
2:50:00	170	0.068	0.847	293.2	336.3167	1.081	0.84	385.9223	296.7611	92.95193	
3:00:00	180	0.068	0.839	293.4	336.3167	1.149	0.84	385.7571	296.7611	91.15309	
3:10:00	190	0.068	0.846806	293.6	338.4556	1.217	0.84	385.6126	297.0389	92.30294	
3:20:00	200	0.068	0.8726	293.8	336.1778	1.285	0.86	385.543	297.3167	92.34146	
3:30:00	210	0.069	0.848697	293.9	335.2889	1.354	0.86	385.5336	297.3167	91.05827	
3:40:00	220	0.071	0.855487	294.1	335.7889	1.425	0.85	385.3685	297.3167	94.78115	
3:50:00	230	0.071	0.861948	294.2	337.2333	1.495	0.86	385.2527	297.4556	94.4457	
4:00:00	240	0.071	0.84301	294.4	332.15	1.566	0.85	385.2083	297.5944	91.32384	
4:10:00	250	0.075	0.835621	294.5	328.4278	1.641	0.84	385.0862	297.5944	95.53659	
4:20:00	260	0.075	0.899038	294.6	327.1222	1.716	0.87	384.3343	297.5944	98.859	
4:30:00	270	0.077	0.905901	294.7	325.6778	1.793	0.90	383.586	297.5944	97.40313	
4:40:00	280	0.075	0.923584	294.8	326.9556	1.868	0.91	382.9395	297.5944	96.55654	
4:50:00	290	0.076	0.912216	294.9	325.6778	1.944	0.92	382.243	297.4556	95.37264	
5:00:00	300	0.075	0.918233	295.0	326.7056	2.020	0.92	381.6476	297.0389	95.4191	
5:10:00	310	0.076	0.908954	295.0	327.6222	2.096	0.91	380.979	296.6222	95.87159	
5:20:00	320	0.075	0.881251	295.0	326.9278	2.171	0.90	380.5075	296.4833	93.45376	
5:30:00	330	0.075	0.844766	295.1	326.0389	2.247	0.86	379.9384	296.4833	92.67479	
5:40:00	340	0.076	0.891484	295.1	327.0944	2.322	0.87	379.5054	296.4833	97.88223	
5:50:00	350	0.076	0.904796	295.2	327.3444	2.399	0.90	379.0281	296.6222	96.57668	
6:00:00	360	0.076	0.903419	295.2	327.1222	2.475	0.90	378.6405	296.7611	95.14619	
6:10:00	370	0.076	0.912077	295.3	325.2056	2.551	0.91	378.3044	296.7611	94.24809	
6:20:00	380	0.076	0.90687	295.3	327.4556	2.627	0.91	377.8834	296.7611	94.57033	
6:30:00	390	0.076	0.896156	295.3	327.4	2.702	0.90	377.5774	296.7611	93.76857	
6:40:00	400	0.075	0.907425	295.4	326.3722	2.777	0.90	377.1963	296.7611	93.30402	
6:50:00	410	0.076	0.898	295.4	327.2611	2.853	0.90	376.9061	296.7611	93.93361	
7:00:00	420	0.077	#DIV/0!	Error	289.0944	2.930	#DIV/0!	376.6096	Error	#DIV/0!	

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	0.059833	1.322516	289.8167	292.15	0.059833	0.74	289.7056	289.8167	179.1381	
0:20:00	20	0.057342	0.890929	289.8167	324.1222	0.117175	1.11	314.2161	289.8167	82.27353	
0:30:00	30	0.056917	0.79692	290.0944	338.0667	0.174092	0.84	332.9667	290.0944	94.03647	
0:40:00	40	0.061023	0.76313	290.65	343.2056	0.235115	0.78	349.3194	290.65	99.79159	
0:50:00	50	0.063147	0.728322	290.9278	344.9	0.298261	0.75	358.7978	290.9278	99.38259	
1:00:00	60	0.063147	0.738849	291.2056	345.8167	0.363408	0.73	366.4915	291.2056	99.63005	
1:10:00	70	0.062722	0.717952	291.7611	346.7889	0.42413	0.73	371.254	291.7611	95.30968	
1:20:00	80	0.063996	0.714802	292.0389	347.7889	0.488126	0.72	375.8866	292.0389	96.83106	
1:30:00	90	0.063854	0.720942	292.5944	348.0944	0.55198	0.72	379.1793	292.5944	95.98781	
1:40:00	100	0.064704	0.704029	293.4278	348.5944	0.616684	0.71	381.7317	293.4278	94.67708	
1:50:00	110	0.064704	0.702688	293.9833	348.4833	0.681388	0.70	384.3747	293.9833	94.61109	
2:00:00	120	0.064562	0.732532	294.5389	348.2333	0.745951	0.72	386.0796	294.5389	95.62745	
2:10:00	130	0.064846	0.787457	295.0944	336.4833	0.810796	0.76	387.0631	295.0944	93.65049	
2:20:00	140	0.068244	0.820315	295.3722	335.3444	0.87904	0.80	386.671	295.3722	96.18718	
2:30:00	150	0.06796	0.834039	295.65	335.65	0.947	0.83	386.2916	295.65	94.30973	
2:40:00	160	0.070509	0.837	296.2056	336.2889	1.017509	0.84	386.1252	296.2056	96.734	
2:50:00	170	0.069235	0.847	296.4833	336.3167	1.086744	0.84	385.9223	296.4833	94.94352	
3:00:00	180	0.070367	0.839	296.4833	336.3167	1.157111	0.84	385.7571	296.4833	94.98116	
3:10:00	190	0.070367	0.846806	296.4833	336.3167	1.227479	0.84	385.6126	296.4833	95.43652	
3:20:00	200	0.070962	0.8726	296.7611	338.4556	1.298441	0.86	385.543	296.7611	97.39333	
3:30:00	210	0.070056	0.848697	297.0389	336.1778	1.368497	0.86	385.5336	297.0389	92.43872	
3:40:00	220	0.071783	0.855487	297.0389	335.2889	1.44028	0.85	385.3685	297.0389	95.7786	
3:50:00	230	0.072235	0.861948	297.0389	335.7889	1.512629	0.86	385.2527	297.0389	96.246	
4:00:00	240	0.072633	0.84301	297.0389	337.2333	1.585262	0.85	385.2083	297.0389	95.19766	
4:10:00	250	0.07504	0.835621	297.3167	332.15	1.660302	0.84	385.0862	297.3167	97.02959	
4:20:00	260	0.076172	0.899038	297.5944	328.4278	1.736474	0.87	384.3343	297.5944	101.0245	
4:30:00	270	0.076739	0.905901	297.3167	327.1222	1.813213	0.90	383.586	297.3167	97.81932	
4:40:00	280	0.076031	0.923584	297.0389	325.6778	1.889243	0.91	382.9395	297.0389	96.75974	
4:50:00	290	0.076314	0.912216	297.0389	326.9556	1.965557	0.92	382.243	297.0389	95.71224	
5:00:00	300	0.076625	0.918233	297.0389	325.6778	2.042183	0.92	381.6476	297.0389	96.37186	
5:10:00	310	0.076569	0.908954	296.7611	326.7056	2.118751	0.91	380.979	296.7611	95.58335	
5:20:00	320	0.076455	0.881251	296.4833	327.6222	2.195207	0.90	380.5075	296.4833	94.47573	
5:30:00	330	0.077022	0.844766	296.4833	326.9278	2.272229	0.86	379.9384	296.4833	94.21838	
5:40:00	340	0.075889	0.891484	296.4833	326.0389	2.348118	0.87	379.5054	296.4833	96.94413	
5:50:00	350	0.07688	0.904796	296.4833	327.0944	2.424998	0.90	379.0281	296.4833	96.4672	
6:00:00	360	0.076314	0.903419	296.4833	327.3444	2.501312	0.90	378.6405	296.4833	94.88231	
6:10:00	370	0.076739	0.912077	296.4833	327.1222	2.578051	0.91	378.3044	296.4833	95.68842	
6:20:00	380	0.076455	0.90687	296.4833	325.2056	2.654056	0.91	377.8834	296.4833	93.91213	
6:30:00	390	0.076455	0.896156	296.4833	327.4556	2.730962	0.90	377.5774	296.4833	94.1273	
6:40:00	400	0.076172	0.907425	296.4833	327.4	2.807134	0.90	377.1963	296.4833	94.80046	
6:50:00	410	0.07688	0.898	296.4833	326.3722	2.884014	0.90	376.9061	296.4833	94.14734	
7:00:00	420	0.076739	#DIV/0!	Error	327.2611	2.960753	#DIV/0!	376.6096	Error	#DIV/0!	

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 _i	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	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
7:20:00	440	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
7:30:00	450	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
7:40:00	460	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
7:50:00	470	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
8:00:00	480	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
8:10:00	490	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
8:20:00	500	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
8:30:00	510	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
8:40:00	520	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
8:50:00	530	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
9:00:00	540	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
9:10:00	550	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
9:20:00	560	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
9:30:00	570	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
9:40:00	580	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
9:50:00	590	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
10:00:00	600	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
10:10:00	610	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
10:20:00	620	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
10:30:00	630	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
10:40:00	640	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
10:50:00	650	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
11:00:00	660	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
11:10:00	670	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
11:20:00	680	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
11:30:00	690	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
11:40:00	700	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
11:50:00	710	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
12:00:00	720	Error	#DIV/0!	Error	0	Error	#DIV/0!	376.6096	Error	#VALUE!

7:10:00	430	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
7:20:00	440	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
7:30:00	450	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
7:40:00	460	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
7:50:00	470	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
8:00:00	480	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
8:10:00	490	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
8:20:00	500	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
8:30:00	510	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
8:40:00	520	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
8:50:00	530	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
9:00:00	540	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
9:10:00	550	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
9:20:00	560	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
9:30:00	570	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
9:40:00	580	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
9:50:00	590	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
10:00:00	600	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
10:10:00	610	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
10:20:00	620	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
10:30:00	630	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
10:40:00	640	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
10:50:00	650	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
11:00:00	660	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
11:10:00	670	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
11:20:00	680	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
11:30:00	690	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
11:40:00	700	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
11:50:00	710	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!
12:00:00	720	Error	#DIV/0!	Error	289.0944	Error	#DIV/0!	376.6096	Error	#VALUE!

Signature_____