

Test ID:	FN5B 19048
Date:	1/22/20

ISS-1											
Test Duration (hh:mm:ss)	T _i	V _m	v _g	T _g	T _g	V _m	v _g	T _i	T _g	PR	
0:00:00			0.21								
0:10:00	10	0.057	1.359679	287.7	326.5389	0.057	0.78	291.3874	287.7333	194.7259	
0:20:00	20	0.057	1.06566	288.0	339.1778	0.115	1.21	317.687	288.15	93.5994	
0:30:00	30	0.059	0.889427	288.4	343.5667	0.174	0.98	336.6111	288.9833	94.52389	
0:40:00	40	0.061	0.79755	288.8	345.7889	0.235	0.84	352.6175	290.0944	96.51745	
0:50:00	50	0.062	0.764403	289.2	347.0389	0.297	0.78	361.5833	290.9278	97.81609	
1:00:00	60	0.063	0.743777	289.7	347.7056	0.361	0.75	369.5899	291.7611	97.16967	
1:10:00	70	0.063	0.742152	290.0	348.4556	0.423	0.74	374.3992	292.4556	95.39023	
1:20:00	80	0.062	0.740232	290.3	349.2333	0.485	0.74	378.9655	292.5944	93.14431	
1:30:00	90	0.063	0.73802	290.6	348.9556	0.548	0.74	382.3008	292.8722	93.15675	
1:40:00	100	0.062	0.729794	290.9	349.15	0.610	0.73	384.7944	293.4278	90.93038	
1:50:00	110	0.063	0.736321	291.2	349.5389	0.673	0.73	387.3167	293.9833	91.88638	
2:00:00	120	0.066	0.734828	291.4	336.3167	0.739	0.74	389.0903	294.5389	91.77162	
2:10:00	130	0.067	0.771538	291.7	334.8444	0.806	0.75	390.016	295.0944	93.9478	
2:20:00	140	0.068	0.849013	292.0	334.9278	0.873	0.81	389.5599	295.65	96.52716	
2:30:00	150	0.069	0.847782	292.2	334.4833	0.943	0.85	389.107	295.9278	93.46533	
2:40:00	160	0.073	0.848587	292.5	335.0944	1.015	0.85	388.9443	296.2056	97.43326	
2:50:00	170	0.072	0.868354	292.7	338.2056	1.087	0.86	388.4827	296.4833	97.24529	
3:00:00	180	0.072	0.860074	292.9	336.4278	1.158	0.86	388.2749	296.6222	94.80336	
3:10:00	190	0.073	0.858586	293.1	336.7889	1.232	0.86	388.1427	296.7611	97.05403	
3:20:00	200	0.073	0.860074	293.3	334.8444	1.305	0.86	387.9524	296.7611	95.25003	
3:30:00	210	0.072	0.847536	293.5	334.8444	1.377	0.85	387.7701	296.7611	93.69945	
3:40:00	220	0.073	0.854609	293.6	336.3167	1.450	0.85	387.5635	296.7611	95.37212	
3:50:00	230	0.072	0.846	293.7	334.8444	1.522	0.85	387.4355	296.7611	93.04018	
4:00:00	240	0.073	0.847	293.9	335.0111	1.595	0.85	387.2745	297.0389	94.07593	
4:10:00	250	0.072	0.840	294.0	326.3444	1.667	0.84	387.162	297.3167	89.35137	
4:20:00	260	0.072	0.895927	294.1	327.1222	1.739	0.87	386.4493	297.3167	92.96471	
4:30:00	270	0.074	0.903678	294.2	326.3167	1.813	0.90	385.7008	297.3167	92.89102	
4:40:00	280	0.077	0.904639	294.3	327.4556	1.890	0.90	385.0647	297.3167	95.76038	
4:50:00	290	0.078	0.912198	294.4	326.3167	1.968	0.91	384.3363	297.3167	97.05994	
5:00:00	300	0.078	0.921308	294.5	326.8167	2.046	0.92	383.7719	297.0389	97.06201	
5:10:00	310	0.078	0.916	294.6	326.1778	2.124	0.92	383.0834	296.6222	95.49398	
5:20:00	320	0.078	0.89478	294.6	326.6222	2.201	0.91	382.6255	296.2056	94.81185	
5:30:00	330	0.077	0.898596	294.7	325.9278	2.279	0.90	382.0374	295.7889	95.51406	
5:40:00	340	0.078	0.91456	294.7	327.0944	2.356	0.91	381.5868	295.7889	96.4467	
5:50:00	350	0.077	0.897	294.7	327.3444	2.433	0.91	381.0886	295.9278	93.85026	
6:00:00	360	0.077	0.91	294.8	325.7889	2.510	0.90	380.6965	296.0667	94.72727	
6:10:00	370	0.077	0.921027	294.8	327.2333	2.587	0.92	380.3359	296.2056	94.72508	
6:20:00	380	0.077	0.906706	294.8	326.5389	2.664	0.91	379.8856	296.3444	93.39133	
6:30:00	390	0.077	0.885652	294.9	325.9	2.741	0.90	379.5962	296.6222	92.6011	
6:40:00	400	0.076	0.901065	294.9	326.9556	2.818	0.89	379.1681	296.7611	93.81711	
6:50:00	410	0.077	0.899417	295.0	325.8167	2.895	0.90	378.8457	296.7611	93.67283	
7:00:00	420	0.079	Error	287.5944	2.974	0.90	378.4914	Error	#VALUE!		

ISS-2											
Test Duration (hh:mm:ss)	T _i	V _m	v _g	T _g	T _g	V _m	v _g	T _i	T _g	PR	
0:00:00			0.21								
0:10:00	10	0.057398	1.36	289.2611	298.8167	0.057398	0.78	291.3874	289.2611	178.1943	
0:20:00	20	0.057342	1.07	289.2611	326.5389	0.11474	1.21	317.687	289.2611	90.28117	
0:30:00	30	0.060173	0.89	289.5389	339.1778	0.174913	0.98	336.6111	289.5389	94.61842	
0:40:00	40	0.061448	0.80	290.0944	343.5667	0.236361	0.84	352.6175	290.0944	95.80216	
0:50:00	50	0.063996	0.76	290.9278	345.7889	0.300357	0.78	361.5833	290.9278	99.71788	
1:00:00	60	0.062722	0.74	291.7611	347.0389	0.363079	0.75	369.5899	291.7611	95.99459	
1:10:00	70	0.064704	0.74	292.3167	347.7056	0.427783	0.74	374.3992	292.3167	98.22173	
1:20:00	80	0.063147	0.74	292.5944	348.4556	0.490929	0.74	378.9655	292.5944	94.49431	
1:30:00	90	0.064562	0.74	292.8722	349.2333	0.555492	0.74	382.3008	292.8722	95.41247	
1:40:00	100	0.065129	0.73	293.4278	348.9556	0.62062	0.73	384.7944	293.4278	94.63398	
1:50:00	110	0.064138	0.74	293.9833	349.15	0.684758	0.73	387.3167	293.9833	93.29185	
2:00:00	120	0.06796	0.73	294.5389	349.5389	0.752718	0.74	389.0903	294.5389	97.23194	
2:10:00	130	0.06881	0.77	295.0944	336.3167	0.821528	0.75	390.016	295.0944	96.18223	
2:20:00	140	0.069659	0.85	295.65	334.8444	0.89188	0.81	389.5599	295.65	98.55737	
2:30:00	150	0.069943	0.85	295.9278	334.9278	0.96113	0.85	389.107	295.9278	93.88968	
2:40:00	160	0.072916	0.85	296.2056	334.4833	1.034046	0.85	388.9443	296.2056	97.07223	
2:50:00	170	0.074049	0.87	296.4833	335.0944	1.108095	0.86	388.4827	296.4833	99.11864	
3:00:00	180	0.075606	0.86	296.7611	338.2056	1.183701	0.86	388.2749	296.7611	99.66501	
3:10:00	190	0.073624	0.86	297.0389	336.4278	1.257325	0.86	388.1427	297.0389	96.34993	
3:20:00	200	0.074756	0.86	297.0389	336.7889	1.332081	0.86	387.9524	297.0389	97.52219	
3:30:00	210	0.074332	0.85	297.0389	334.8444	1.406413	0.85	387.7701	297.0389	95.13689	
3:40:00	220	0.073341	0.85	297.0389	334.8444	1.479753	0.85	387.5635	297.0389	94.59738	
3:50:00	230	0.076002	0.85	297.3167	336.3167	1.555756	0.85	387.4355	297.3167	97.05254	
4:00:00	240	0.076059	0.85	297.5944	334.8444	1.631815	0.85	387.2745	297.5944	96.74081	
4:10:00	250	0.076172	0.84	297.5944	335.0111	1.707987	0.84	387.162	297.5944	96.07922	
4:20:00	260	0.075181	0.90	297.5944	326.3444	1.783168	0.87	386.4493	297.5944	95.57406	
4:30:00	270	0.077305	0.90	297.5944	327.1222	1.860473	0.90	385.7008	297.5944	95.55952	
4:40:00	280	0.078862	0.90	297.5944	326.3167	1.939336	0.90	385.0647	297.5944	96.54092	
4:50:00	290	0.078579	0.91	297.5944	327.4556	2.017915	0.91	384.3363	297.5944	96.61554	
5:00:00	300	0.079712	0.92	297.5944	326.3167	2.097627	0.92	383.7719	297.5944	97.4317	
5:10:00	310	0.079287	0.92	297.5944	326.8167	2.176914	0.92	383.0834	297.5944	96.04567	
5:20:00	320	0.07957	0.89	297.3167	326.1778	2.256485	0.91	382.6255	297.3167	95.06703	
5:30:00	330	0.07957	0.90	296.7611	326.6222	2.336055	0.90	382.0374	296.7611	96.30412	
5:40:00	340	0.07773	0.91	296.2056	325.9278	2.413785	0.91	381.5868	296.2056	94.34149	
5:50:00	350	0.078154	0.90	295.9278	327.0944	2.491939	0.91	381.0886	295.9278	93.30429	
6:00:00	360	0.078154	0.91	295.9278	327.3444	2.570094	0.90	380.6965	295.9278	94.80841	
6:10:00	370	0.078438	0.92	296.2056	325.7889	2.648531	0.92	380.3359	296.2056	94.42738	
6:20:00	380	0.078438	0.91	296.4833	327.2333	2.726969	0.91	379.8856	296.4833	93.41495	
6:30:00	390	0.078296	0.89	296.4833	326.5389	2.805265	0.90	379.5962	296.4833	92.53632	
6:40:00	400	0.07773	0.90	296.4833	325.9	2.882995	0.89	379.1681	296.4833	93.49454	
6:50:00	410	0.078438	0.90	296.7611	326.9556	2.963432	0.90	378.8457	296.7611	93.63439	
7:00:00	420	0.079004	0.00	Error	325.8167	3.040436	0.45	378.4914	Error	#VALUE!	

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 _g	average gas velocity in the dilution tunnel (gas molecular weight may be assumed to be 29g/gmol)	m/s
T _g	absolute average dry gas meter temperature	K
T _i	absolute average gas temperature in the dilution tunnel during each 10 min interval, <i>i</i> , of test run	K
V _g	volume of gas sample as measured by dry gas meter	dry m ³
v _g	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

7:10:00	430	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
7:20:00	440	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
7:30:00	450	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
7:40:00	460	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
7:50:00	470	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
8:00:00	480	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
8:10:00	490	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
8:20:00	500	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
8:30:00	510	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
8:40:00	520	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
8:50:00	530	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
9:00:00	540	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
9:10:00	550	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
9:20:00	560	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
9:30:00	570	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
9:40:00	580	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
9:50:00	590	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
10:00:00	600	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
10:10:00	610	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
10:20:00	620	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
10:30:00	630	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
10:40:00	640	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
10:50:00	650	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
11:00:00	660	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
11:10:00	670	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
11:20:00	680	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
11:30:00	690	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
11:40:00	700	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
11:50:00	710	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
12:00:00	720	Error	#DIV/0!	Error	0	Error	#DIV/0!	378.4914	Error	#VALUE!

7:10:00	430	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
7:20:00	440	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
7:30:00	450	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
7:40:00	460	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
7:50:00	470	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
8:00:00	480	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
8:10:00	490	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
8:20:00	500	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
8:30:00	510	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
8:40:00	520	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
8:50:00	530	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
9:00:00	540	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
9:10:00	550	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
9:20:00	560	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
9:30:00	570	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
9:40:00	580	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
9:50:00	590	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
10:00:00	600	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
10:10:00	610	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
10:20:00	620	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
10:30:00	630	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
10:40:00	640	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
10:50:00	650	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
11:00:00	660	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
11:10:00	670	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
11:20:00	680	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
11:30:00	690	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
11:40:00	700	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
11:50:00	710	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!
12:00:00	720	Error	#DIV/0!	Error	287.5944	Error	#DIV/0!	378.4914	Error	#VALUE!