

Test ID:	0
Date:	1/3/20

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										
0:10:00	10	Error	#DIV/0!	Error	410.5111	Error	#DIV/0!	408.7308	Error	#VALUE!
0:20:00	20	Error	#DIV/0!	Error	412.4556	Error	#DIV/0!	413.8087	Error	#VALUE!
0:30:00	30	Error	#DIV/0!	Error	411.7889	Error	#DIV/0!	416.9944	Error	#VALUE!
0:40:00	40	Error	#DIV/0!	Error	411.4833	Error	#DIV/0!	419.0701	Error	#VALUE!
0:50:00	50	Error	#DIV/0!	Error	413.7333	Error	#DIV/0!	420.0344	Error	#VALUE!
1:00:00	60	Error	#DIV/0!	Error	413.8167	Error	#DIV/0!	421.2912	Error	#VALUE!
1:10:00	70	Error	#DIV/0!	Error	414.2056	Error	#DIV/0!	422.2349	Error	#VALUE!
1:20:00	80	Error	#DIV/0!	Error	413.3167	Error	#DIV/0!	423.2474	Error	#VALUE!
1:30:00	90	Error	#DIV/0!	Error	411.8167	Error	#DIV/0!	423.9302	Error	#VALUE!
1:40:00	100	Error	#DIV/0!	Error	396.9278	Error	#DIV/0!	424.3833	Error	#VALUE!
1:50:00	110	Error	#DIV/0!	Error	397.2611	Error	#DIV/0!	422.3752	Error	#VALUE!
2:00:00	120	Error	#DIV/0!	Error	399.6222	Error	#DIV/0!	420.4782	Error	#VALUE!
2:10:00	130	Error	#DIV/0!	Error	397.4556	Error	#DIV/0!	418.6674	Error	#VALUE!
2:20:00	140	Error	#DIV/0!	Error	398.4	Error	#DIV/0!	417.2226	Error	#VALUE!
2:30:00	150	Error	#DIV/0!	Error	396.4278	Error	#DIV/0!	415.7508	Error	#VALUE!
2:40:00	160	Error	#DIV/0!	Error	398.4833	Error	#DIV/0!	414.5282	Error	#VALUE!
2:50:00	170	Error	#DIV/0!	Error	397.4556	Error	#DIV/0!	413.4612	Error	#VALUE!
3:00:00	180	Error	#DIV/0!	Error	396.65	Error	#DIV/0!	412.5773	Error	#VALUE!
3:10:00	190	Error	#DIV/0!	Error	398.2056	Error	#DIV/0!	411.8012	Error	#VALUE!
3:20:00	200	Error	#DIV/0!	Error	395.2889	Error	#DIV/0!	410.9764	Error	#VALUE!
3:30:00	210	Error	#DIV/0!	Error	397.0389	Error	#DIV/0!	410.3132	Error	#VALUE!
3:40:00	220	Error	#DIV/0!	Error	386.5944	Error	#DIV/0!	409.6218	Error	#VALUE!
3:50:00	230	Error	#DIV/0!	Error	386.7056	Error	#DIV/0!	408.5978	Error	#VALUE!
4:00:00	240	Error	#DIV/0!	Error	386.9556	Error	#DIV/0!	407.0311	Error	#VALUE!
4:10:00	250	Error	#DIV/0!	Error	386.5389	Error	#DIV/0!	405.8571	Error	#VALUE!
4:20:00	260	Error	#DIV/0!	Error	387.0389	Error	#DIV/0!	404.5299	Error	#VALUE!
4:30:00	270	Error	#DIV/0!	Error	386.5111	Error	#DIV/0!	403.4909	Error	#VALUE!
4:40:00	280	Error	#DIV/0!	Error	386.4556	Error	#DIV/0!	402.5294	Error	#VALUE!
4:50:00	290	Error	#DIV/0!	Error	388.5111	Error	#DIV/0!	401.4484	Error	#VALUE!
5:00:00	300	Error	#DIV/0!	Error	386.9278	Error	#DIV/0!	400.7619	Error	#VALUE!
5:10:00	310	Error	#DIV/0!	Error	386.5667	Error	#DIV/0!	399.8681	Error	#VALUE!
5:20:00	320	Error	#DIV/0!	Error	386.5944	Error	#DIV/0!	399.1026	Error	#VALUE!
5:30:00	330	Error	#DIV/0!	Error	387.2611	Error	#DIV/0!	398.2769	Error	#VALUE!
5:40:00	340	Error	#DIV/0!	Error	386.65	Error	#DIV/0!	397.6776	Error	#VALUE!
5:50:00	350	Error	#DIV/0!	Error	386.3722	Error	#DIV/0!	396.9252	Error	#VALUE!
6:00:00	360	Error	#DIV/0!	Error	387.4	Error	#DIV/0!	396.3241	Error	#VALUE!
6:10:00	370	Error	#DIV/0!	Error	386.4833	Error	#DIV/0!	395.7832	Error	#VALUE!
6:20:00	380	Error	#DIV/0!	Error	385.5667	Error	#DIV/0!	395.1643	Error	#VALUE!
6:30:00	390	Error	#DIV/0!	Error	398.7056	Error	#DIV/0!	394.7302	Error	#VALUE!
6:40:00	400	Error	#DIV/0!	Error	398.7056	Error	#DIV/0!	394.3551	Error	#VALUE!
6:50:00	410	Error	#DIV/0!	Error	398.7056	Error	#DIV/0!	394.3551	Error	#VALUE!
7:00:00	420	Error	#DIV/0!	Error	398.7056	Error	#DIV/0!	394.3551	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			1.43							
0:10:00	10	0.068867	1.407339	290.3722	407.5111	0.068867	1.41867	408.7308	290.3722	98.90532
0:20:00	20	0.066403	1.252635	290.3722	410.5111	0.13527	1.329987	413.8087	290.3722	91.73182
0:30:00	30	0.066403	1.035311	290.65	412.4556	0.201673	1.143973	416.9944	290.65	88.42276
0:40:00	40	0.06796	0.941783	291.2056	411.7889	0.269633	0.988547	419.0701	291.2056	94.38101
0:50:00	50	0.066261	0.904172	291.7611	411.4833	0.335894	0.922978	420.0344	291.7611	94.65752
1:00:00	60	0.065412	0.884048	292.3167	413.7333	0.401306	0.89411	421.2912	292.3167	94.96314
1:10:00	70	0.065553	0.975992	293.15	413.8167	0.46686	0.88002	422.2349	293.15	95.88904
1:20:00	80	0.064138	0.866348	293.9833	414.2056	0.53098	0.87117	423.2474	293.9833	94.04193
1:30:00	90	0.063713	0.859259	294.5389	413.3167	0.59471	0.862803	423.9302	294.5389	93.61923
1:40:00	100	0.063147	0.864404	294.9556	411.8167	0.657857	0.861831	424.3833	294.9556	93.42399
1:50:00	110	0.071642	0.868241	295.5111	396.9278	0.729499	0.866322	422.3752	295.5111	101.7436
2:00:00	120	0.070226	0.866896	295.9278	397.2611	0.799724	0.867568	420.4782	295.9278	99.47946
2:10:00	130	0.069659	0.902479	295.9278	399.6222	0.869384	0.884688	418.6674	295.9278	101.4237
2:20:00	140	0.070084	0.991679	296.2056	397.4556	0.939468	0.947079	417.2226	296.2056	104.177
2:30:00	150	0.071783	0.975018	296.4833	398.4	1.011251	0.983349	415.7508	296.4833	101.1687
2:40:00	160	0.073057	0.986614	296.4833	396.4278	1.084309	0.980816	414.5282	296.4833	103.7054
2:50:00	170	0.072633	0.992488	296.7611	398.4833	1.156941	0.989551	413.4612	296.7611	103.1649
3:00:00	180	0.068102	0.982198	297.0389	397.4556	1.225043	0.987343	412.5773	297.0389	95.89488
3:10:00	190	0.070226	0.987727	297.0389	396.65	1.295269	0.984963	411.8012	297.0389	99.50094
3:20:00	200	0.069943	0.960604	297.0389	398.2056	1.365212	0.974165	410.9764	297.0389	97.89798
3:30:00	210	0.069801	0.980206	297.0389	395.2889	1.435013	0.970405	410.3132	297.0389	99.40056
3:40:00	220	0.069376	0.971874	297.0389	397.0389	1.504389	0.97604	409.6218	297.0389	97.91875
3:50:00	230	0.068385	0.961942	297.0389	386.5944	1.572774	0.966908	408.5978	297.0389	94.13401
4:00:00	240	0.071925	0.986983	297.0389	386.7056	1.644699	0.974462	407.0311	297.0389	100.9952
4:10:00	250	0.073199	0.957927	297.0389	386.9556	1.717898	0.972455	405.8571	297.0389	100.0458
4:20:00	260	0.072916	1.016677	297.0389	386.5389	1.790814	0.987302	404.5299	297.0389	104.1647
4:30:00	270	0.071783	1.028927	297.0389	387.0389	1.862597	1.022802	403.4909	297.0389	100.411
4:40:00	280	0.071925	1.03096	297.0389	386.5111	1.934522	1.029944	402.5294	297.0389	100.0589
4:50:00	290	0.071642	1.035198	297.0389	386.4556	2.006164	1.033079	401.4484	297.0389	99.89796
5:00:00	300	0.070651	1.027814	297.0389	388.5111	2.078814	1.031506	400.7619	297.0389	98.58231
5:10:00	310	0.071642	1.025589	297.0389	386.9278	2.148456	1.026702	399.8681	297.0389	99.91784
5:20:00	320	0.070792	1.023874	297.0389	386.5667	2.219248	1.024732	399.1026	297.0389	98.78827
5:30:00	330	0.071075	1.034623	297.0389	386.5944	2.290323	1.029249	398.2769	297.0389	99.92359
5:40:00	340	0.074332	1.029376	297.0389	387.2611	2.364655	1.031999	397.6776	297.0389	103.8132
5:50:00	350	0.074473	1.029337	296.7611	386.65	2.439128	1.029357	396.9252	296.7611	104.0963
6:00:00	360	0.073482	1.031128	296.4833	386.3722	2.51261	1.030233	396.3241	296.4833	102.7289
6:10:00	370	0.073057	1.027076	296.4833	387.4	2.585668	1.029102	395.7832	296.4833	102.1269
6:20:00	380	0.072774	1.021111	296.4833	386.4833	2.658442	1.024094	395.1643	296.4833	101.4427
6:30:00	390	0.073341	1.026945	296.4833	385.5667	2.731783	1.024028	394.7302	296.4833	102.5646
6:40:00	400	0.072208	1.024444	296.4833	398.7056	2.803991	1.024694	394.3551	296.4833	103.915
6:50:00	410	0.072633	1.037981	296.4833	398.7056	2.876623	1.030212	394.3551	296.4833	105.4534
7:00:00	420	0.071925	1.036326	Error	398.7056	2.948548	1.037154	394.3551	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 _a	absolute average gas temperature in the dilution tunnel during each 10 min interval, <i>i</i> , of test run	K
V _a	volume of gas sample as measured by dry gas meter	dry m ³
v _a	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	%