EPA Certification Test Report

The following models are EPA certified under the following attached test report:	**CI2600**
	Model #
Wood Stoves	n/a
Wood Inserts	CI2600 HI400
Wood Fireplaces	n/a
Pellet Stoves	n/a
Pellet Inserts	n/a

Full US Environmental Protection Agency ("EPA") certification test reports have been reported to the EPA. Test reports may contain sensitive, confidential business information which has been specifically excluded and/or redacted from this publicly posted test report.

Published May 14, 2015

FPI - Fireplace Products International Ltd.

Project # 015-S-28-1
Model CI 2600
Residential Wood Fired Heater Insert

[redacted]

Prepared by:
John Steinert, President
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Affidavit:

[redacted]

The following people were associated with the testing, analysis and report writing associated with this project.

John Steinert, President

Signature 11/21/13 Date

Gary Nelke CMfgE, Vice-President

Signature 11/21/13 Date

[redacted]

Results: Emissions

The overall weighted average emission rate based on the 4 certification runs is **1.8 g/hr**.

Results							
Category 1 0.80 to 1.25 kg/hr		**Category 2 .80 to 1.00 kg/hr**		**Category 3 1.25 to 1.90 kg/hr**		**Category 4 Maximum Burn Rate**	
Date	10/28/2013	Date	10/29/2013	Date	10/31/2013	Date	10/30/2013
Run Number	**1**	Run Number	**2**	Run Number	**4**	Run Number	**3**
Emission Rate –g/Hr	**1.1**	Emission Rate g/Hr.	**1.6**	Emission Rate g/Hr.	**2.6**	Emission Rate g/Hr.	**2.6**
Burn Rate KG/hr	**0.92**	Burn Rate KG/hr	**1.12**	Burn Rate KG/hr	**1.75**	Burn Rate KG/hr	**1.97**

Table 1: Results

Results Summary Weighted Averages:

EPA Method 28 - Weighted Average

DIRIGO LABORATORIES INC.

Weighted Average: 1.8 (g/hr)

Client: FPI
Model: CI 2600
Tracking No.: 0
Project No.: 015-S-28-1
Test Dates: 10/28-10/31/13
Signature/Date: 11/14/13

Burn Rate Category	2	Burn Rate Category	2
Burn Rate (kg/hr-dry)	0.92	Burn Rate (kg/hr-dry)	1.12
Emissions Rate (g/hr)	1.1	Emissions Rate (g/hr)	1.6
Emissions Rate Cap (g/hr)	15	Emissions Rate Cap (g/hr)	15
Weighting Factor	29.55%	Weighting Factor	34.17%
Run Number	1	Run Number	2
Burn Rate Category	3	Burn Rate Category	4
Burn Rate (kg/hr-dry)	1.75	Burn Rate (kg/hr-dry)	1.97
Emissions Rate (g/hr)	2.6	Emissions Rate (g/hr)	2.7
Emissions Rate Cap (g/hr)	18	Emissions Rate Cap (g/hr)	18
Weighting Factor	27.32%	Weighting Factor	8.95%
Run Number	4	Run Number	3

Table 2: Weighted Average

EPA Method 28 - Weighted Average

DIRIGO LABORATORIES INC.

Client: FPI
Model: CI 2600
Tracking No.: 0
Project No.: 015-S-28-1
Test Dates: 10/28-10/31/13
Signature/Date: 11/14/13

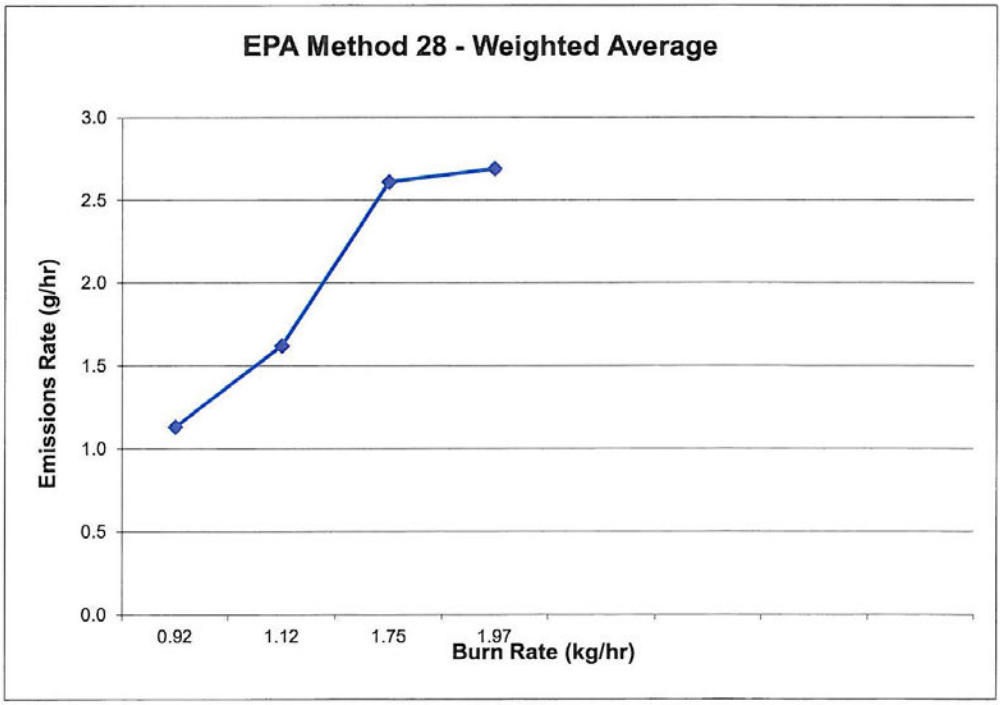

Table 3: Weighted Average Graph

Front of Unit

MFG: Regency
Model # :CI2600

Run #: Aging 1

Project #: CI2600 Aging
Run Date:Oct 26 2013

Pre-Burn Time	ET	Scale (lbs)	Weight Change	FB Top (oF)	FB Bot (oF)	FB Back (oF)	FB Left (oF)	FB Right (oF)	FB Int (oF)	Avg Surf (oF)	Stack (oF)	AMB (oF)	Draft (In-H2O)	Cat Temp (oF)	O2 (%)	CO2 (%)	CO (%)	CO Ratio
1532	510	34.1	-1.818	797	366	261	398	411	3218	446.7	357	67	7.857	1185	1.37	0.00	0.00	NaN
1542	520	32.4	-1.695	799	358	260	388	405	3218	442.1	340	67	7.857	1120	1.37	0.00	0.00	NaN
1552	530	30.8	-1.621	808	348	261	393	407	3218	441.1	340	67	7.857	1143	1.37	0.00	0.00	NaN
1602	540	29.2	-1.558	816	338	269	390	419	3218	444.5	338	67	7.857	1157	1.37	0.00	0.00	NaN
1612	550	27.6	-1.584	818	330	275	382	431	3218	447.2	339	67	7.857	1159	1.37	0.00	0.00	NaN
1622	560	26.0	-1.568	816	324	276	384	441	3218	448.1	337	67	7.857	1153	1.37	0.00	0.00	NaN
1632	570	24.6	-1.445	808	319	279	387	455	3218	449.7	326	67	7.857	1118	1.37	0.00	0.00	NaN
1642	580	23.2	-1.309	800	316	300	389	457	3218	452.7	323	66	7.857	1140	1.37	0.00	0.00	NaN
1652	590	22.0	-1.283	793	314	302	393	465	3218	453.2	318	66	7.857	1120	1.37	0.00	0.00	NaN
1702	600	20.8	-1.152	777	312	318	398	480	3218	457.1	308	67	7.857	1113	1.37	0.00	0.00	NaN
1712	610	19.8	-1.017	752	311	325	403	515	3218	461.2	298	66	7.857	1087	1.37	0.00	0.00	NaN
1722	620	18.9	-0.909	738	309	261	406	542	3218	451.2	290	66	7.857	1075	1.37	0.00	0.00	NaN
1732	630	18.0	-0.849	741	310	257	411	566	3218	456.9	287	66	7.857	1071	1.37	0.00	0.00	NaN
1742	640	17.2	-0.800	736	309	367	421	594	3218	485.3	285	66	7.857	1052	1.37	0.00	0.00	NaN
1752	650	16.5	-0.783	726	308	382	427	615	3218	491.5	281	66	7.857	1030	1.37	0.00	0.00	NaN
1802	660	15.7	-0.746	714	307	397	434	628	3218	496.2	276	66	7.857	1002	1.37	0.00	0.00	NaN
1812	670	15.0	-0.666	702	308	406	438	635	3218	498.0	270	66	7.857	979	1.37	0.00	0.00	NaN
1822	680	14.3	-0.735	700	310	414	441	636	3218	500.2	270	66	7.857	1005	1.37	0.00	0.00	NaN
1832	690	13.6	-0.679	704	314	420	445	638	3218	504.2	268	67	7.857	1022	1.37	0.00	0.00	NaN
1842	700	13.0	-0.598	705	319	423	453	636	3218	507.2	262	66	7.857	1004	1.37	0.00	0.00	NaN
1852	710	12.5	-0.515	700	324	429	461	630	3218	508.7	258	66	7.857	971	1.37	0.00	0.00	NaN
1902	720	12.0	-0.498	695	329	433	468	616	3218	508.1	253	66	7.857	966	1.37	0.00	0.00	NaN
1912	730	11.6	-0.433	685	334	431	476	607	3218	506.4	249	66	7.857	928	1.37	0.00	0.00	NaN
1922	740	11.2	-0.347	665	338	425	481	594	3218	500.6	240	66	7.857	890	1.37	0.00	0.00	NaN
1932	750	11.0	-0.259	638	340	420	483	578	3218	492.0	231	66	7.857	836	1.37	0.00	0.00	NaN
1942	760	10.8	-0.202	604	343	424	483	563	3218	483.2	220	66	7.857	783	1.37	0.00	0.00	NaN
1952	770	10.6	-0.226	573	345	416	480	548	3218	472.5	211	66	7.857	748	1.37	0.00	0.00	NaN
2002	780	10.4	-0.185	550	345	406	477	534	3218	462.5	205	66	7.857	725	1.37	0.00	0.00	NaN
2012	790	10.2	-0.186	532	345	397	475	522	3218	454.1	200	66	7.857	708	1.37	0.00	0.00	NaN
2022	800	10.0	-0.182	518	343	388	471	510	3218	445.9	197	66	7.857	695	1.37	0.00	0.00	NaN
2032	810	9.8	-0.168	505	341	374	466	498	3218	436.7	194	66	7.857	679	1.37	0.00	0.00	NaN
2042	820	9.7	-0.162	493	339	366	461	489	3218	429.4	190	66	7.857	666	1.37	0.00	0.00	NaN
2052	830	9.5	-0.168	482	336	361	456	481	3218	423.2	187	66	7.857	655	1.37	0.00	0.00	NaN
2102	840	9.3	-0.174	475	334	355	453	475	3218	418.2	185	66	7.857	649	1.37	0.00	0.00	NaN
2112	850	9.1	-0.177	469	331	351	451	472	3218	414.7	184	66	7.857	645	1.37	0.00	0.00	NaN
2122	860	9.0	-0.159	462	329	346	446	471	3218	410.8	182	66	7.857	633	1.37	0.00	0.00	NaN
2132	870	8.8	-0.153	456	327	338	440	468	3218	406.0	180	66	7.857	625	1.37	0.00	0.00	NaN
2142	880	8.7	-0.171	451	324	333	436	465	3218	401.8	178	65	7.857	620	1.37	0.00	0.00	NaN
2152	890	8.5	-0.154	447	320	330	434	460	3218	398.2	177	65	7.857	616	1.37	0.00	0.00	NaN
2202	900	8.4	-0.156	443	317	325	433	451	3218	394.0	176	65	7.857	615	1.37	0.00	0.00	NaN
2212	910	8.2	-0.149	439	315	324	434	439	3218	390.2	176	65	7.857	609	1.37	0.00	0.00	NaN
2222	920	8.0	-0.163	437	313	323	435	431	3218	387.5	175	64	7.857	613	1.37	0.00	0.00	NaN
2232	930	7.9	-0.142	437	310	323	437	425	3218	386.5	175	64	7.857	616	1.37	0.00	0.00	NaN
2242	940	7.7	-0.166	437	308	322	440	420	3218	385.4	175	65	7.857	617	1.37	0.00	0.00	NaN
2252	950	6.0	-1.692	437	309	312	440	414	3218	382.4	236	65	7.857	613	1.37	0.00	0.00	NaN
2302	960	40.7	34.680	506	314	244	402	402	3218	373.7	444	65	7.857	1096	1.37	0.00	0.00	NaN
2312	970	38.3	-2.448	605	311	293	369	411	3218	397.9	353	64	7.857	1012	1.37	0.00	0.00	NaN
2322	980	35.8	-2.467	642	305	270	351	429	3218	399.6	358	64	7.857	1037	1.37	0.00	0.00	NaN
2332	990	33.4	-2.360	673	301	250	344	444	3218	402.6	350	65	7.857	1031	1.37	0.00	0.00	NaN
2342	1000	31.1	-2.305	711	297	298	346	450	3218	420.4	350	65	7.857	1053	1.37	0.00	0.00	NaN

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Signature/Date: 11/15/13

MFG: Regency
Model # :CI2600

Run #: Aging 1

Project #: CI2600 Aging
Run Date:Oct 26 2013

Pre-Burn Time	ET	Scale (lbs)	Weight Change	FB Top (oF)	FB Bot (oF)	FB Back (oF)	FB Left (oF)	FB Right (oF)	FB Int (oF)	Avg Surf (oF)	Stack (oF)	AMB (oF)	Draft (in-H2O)	Cat Temp (oF)	O2 (%)	CO2 (%)	CO (%)	CO Ratio
2352	1010	29.1	-2.058	749	292	290	360	453	3218	428.0	340	65	7.857	1063	1.37	0.00	0.00	NaN
0002	1020	27.4	-1.693	783	285	286	374	461	3218	437.6	329	65	7.857	1077	1.37	0.00	0.00	NaN
0012	1030	25.8	-1.550	801	280	292	383	469	3218	445.1	323	65	7.857	1080	1.37	0.00	0.00	NaN
0022	1040	24.3	-1.562	803	278	288	395	473	3218	447.5	324	65	7.857	1074	1.37	0.00	0.00	NaN
0032	1050	22.9	-1.354	802	279	286	407	471	3218	449.0	311	65	7.857	1066	1.37	0.00	0.00	NaN
0042	1060	21.9	-1.072	817	277	274	412	467	3218	449.3	294	65	7.857	1115	1.37	0.00	0.00	NaN
0052	1070	20.9	-0.934	800	277	268	413	460	3218	443.4	287	65	7.857	1038	1.37	0.00	0.00	NaN
0102	1080	20.0	-0.929	786	277	265	413	459	3218	440.0	282	65	7.857	1030	1.37	0.00	0.00	NaN
0112	1090	19.1	-0.909	765	278	257	412	466	3218	435.6	280	65	7.857	1001	1.37	0.00	0.00	NaN
0122	1100	18.3	-0.830	753	279	264	412	479	3218	437.5	274	65	7.857	1018	1.37	0.00	0.00	NaN
0132	1110	17.5	-0.760	757	278	255	411	499	3218	440.3	271	66	7.857	1043	1.37	0.00	0.00	NaN
0142	1120	16.8	-0.661	752	278	272	414	521	3218	447.4	263	65	7.857	1011	1.37	0.00	0.00	NaN
0152	1130	16.3	-0.481	729	279	362	419	549	3218	467.7	252	65	7.857	976	1.37	0.00	0.00	NaN
0102	1140	15.9	-0.433	678	280	350	424	569	3218	460.2	241	65	7.857	898	1.37	0.00	0.00	NaN
0112	1150	15.5	-0.401	642	282	344	424	578	3218	453.8	234	65	7.857	868	1.37	0.00	0.00	NaN
0122	1160	15.1	-0.422	628	284	404	420	584	3218	463.9	234	65	7.857	889	1.37	0.00	0.00	NaN
0132	1170	14.6	-0.450	633	286	411	421	579	3218	465.8	236	65	7.857	912	1.37	0.00	0.00	NaN
0142	1180	14.2	-0.404	630	288	410	423	579	3218	466.1	233	65	7.857	880	1.37	0.00	0.00	NaN
0152	1190	13.9	-0.370	615	290	412	425	578	3218	463.9	228	65	7.857	850	1.37	0.00	0.00	NaN
0202	1200	13.5	-0.346	598	291	405	426	572	3218	458.6	222	65	7.857	828	1.37	0.00	0.00	NaN
0212	1210	13.2	-0.328	594	297	387	422	564	3218	452.8	220	65	7.857	839	1.37	0.00	0.00	NaN
0222	1220	12.9	-0.304	592	300	377	420	561	3218	449.8	217	64	7.857	837	1.37	0.00	0.00	NaN
0232	1230	12.6	-0.273	584	302	378	421	559	3218	448.6	215	64	7.857	806	1.37	0.00	0.00	NaN
0242	1240	12.3	-0.287	565	302	374	420	554	3218	443.2	209	65	7.857	773	1.37	0.00	0.00	NaN
0252	1250	12.1	-0.245	560	303	374	418	546	3218	438.1	205	65	7.857	755	1.37	0.00	0.00	NaN
0302	1260	11.8	-0.279	539	303	376	417	540	3218	434.9	204	64	7.857	746	1.37	0.00	0.00	NaN
0312	1270	11.5	-0.259	532	302	379	416	532	3218	432.4	202	64	7.857	742	1.37	0.00	0.00	NaN
0322	1280	11.3	-0.277	529	301	384	418	524	3218	431.3	202	64	7.857	738	1.37	0.00	0.00	NaN
0332	1290	11.0	-0.268	531	300	389	421	515	3218	431.2	202	64	7.857	744	1.37	0.00	0.00	NaN
0342	1300	10.7	-0.283	536	300	398	426	507	3218	433.4	205	65	7.857	750	1.37	0.00	0.00	NaN
0352	1310	10.4	-0.288	541	300	410	434	503	3218	437.7	206	65	7.857	759	1.37	0.00	0.00	NaN
0402	1320	10.1	-0.282	548	298	414	443	498	3218	440.2	209	64	7.857	776	1.37	0.00	0.00	NaN
0412	1330	9.9	-0.287	558	297	411	453	494	3218	442.5	211	64	7.857	794	1.37	0.00	0.00	NaN
0422	1340	9.6	-0.225	551	295	403	460	490	3218	439.9	206	64	7.857	756	1.37	0.00	0.00	NaN
0432	1350	9.4	-0.194	533	294	392	462	484	3218	433.1	200	65	7.857	726	1.37	0.00	0.00	NaN
0442	1360	9.3	-0.190	516	294	369	462	476	3218	423.4	195	64	7.857	706	1.37	0.00	0.00	NaN
0452	1370	9.1	-0.154	503	296	358	457	468	3218	416.5	190	65	7.857	668	1.37	0.00	0.00	NaN
0502	1380	8.9	-0.166	490	294	347	452	459	3218	408.5	186	65	7.857	668	1.37	0.00	0.00	NaN
0512	1390	8.8	-0.163	477	292	337	447	450	3218	400.3	182	65	7.857	653	1.37	0.00	0.00	NaN
0522	1400	8.6	-0.148	466	288	318	442	441	3218	390.9	179	65	7.857	641	1.37	0.00	0.00	NaN
0532	1410	8.5	-0.129	454	284	310	435	433	3218	383.3	176	65	7.857	624	1.37	0.00	0.00	NaN
0542	1420	8.3	-0.148	443	279	297	431	426	3218	375.1	172	64	7.857	608	1.37	0.00	0.00	NaN
0552	1430	8.2	-0.128	431	274	293	426	418	3218	368.5	170	64	7.857	594	1.37	0.00	0.00	NaN
0602	1440	8.1	-0.126	421	269	280	421	409	3218	360.1	167	64	7.857	579	1.37	0.00	0.00	NaN
0612	1450	8.0	-0.131	411	265	277	416	402	3218	354.3	164	64	7.857	568	1.37	0.00	0.00	NaN
0622	1460	7.8	-0.119	402	261	277	412	394	3218	349.3	162	64	7.857	556	1.37	0.00	0.00	NaN
0632	1470	7.7	-0.111	393	257	276	408	386	3218	344.1	159	64	7.857	544	1.37	0.00	0.00	NaN
0642	1480	28.9	21.160	385	253	271	398	371	3218	335.9	251	65	7.857	425	1.37	0.00	0.00	NaN
0652	1490	34.2	5.354	380	256	265	456	333	3218	338.0	267	64	7.857	749	1.37	0.00	0.00	NaN
0702	1500	32.4	-1.884	555	262	254	408	308	3218	357.6	313	64	7.857	1035	1.37	0.00	0.00	NaN

FPI /Regency Lab

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Signature/Date: 11/15/13

MFG: Regency
Model #:CI2600

Run #: Aging 1

Project #: CI2600 Aging
Run Date:Oct 26 2013

Pre-Burn Time	ET	Scale (lbs)	Weight Change	FB Top (oF)	FB Bot (oF)	FB Back (oF)	FB Left (oF)	FB Right (oF)	FB Int (oF)	Avg Surf (oF)	Stack (oF)	AMB (oF)	Draft (in-H2O)	Cat Temp (oF)	O2 (%)	CO2 (%)	CO (%)	CO Ratio
0712	1510	30.5	-1.817	676	264	258	388	320	3218	387.4	328	64	7.857	1116	1.37	0.00	0.00	NaN
0722	1520	28.8	-1.747	733	263	307	381	347	3218	406.3	336	64	7.857	1122	1.37	0.00	0.00	NaN
0732	1530	27.1	-1.653	761	262	322	382	376	3218	420.6	333	64	7.857	1097	1.37	0.00	0.00	NaN
0742	1540	25.6	-1.582	766	263	353	387	391	3218	432.0	335	64	7.857	1073	1.37	0.00	0.00	NaN
0752	1550	24.0	-1.572	770	263	364	394	405	3218	439.2	333	65	7.857	1069	1.37	0.00	0.00	NaN
0802	1560	22.5	-1.481	793	264	371	406	414	3218	449.6	326	65	7.857	1094	1.37	0.00	0.00	NaN
0812	1570	21.3	-1.251	802	264	348	418	425	3218	451.6	317	65	7.857	1070	1.37	0.00	0.00	NaN
0822	1580	20.1	-1.193	791	264	375	426	443	3218	459.7	316	65	7.857	1095	1.37	0.00	0.00	NaN
0832	1590	26.6	6.583	786	265	435	435	459	3218	476.0	385	66	7.857	1070	1.37	0.00	0.00	NaN
0842	1600	25.0	-1.618	797	270	390	438	466	3218	472.1	333	65	7.857	1097	1.37	0.00	0.00	NaN
0852	1610	23.7	-1.380	821	273	382	439	452	3218	473.3	325	65	7.857	1122	1.37	0.00	0.00	NaN
0902	1620	22.3	-1.311	828	274	390	438	439	3218	473.8	320	65	7.857	1116	1.37	0.00	0.00	NaN
0912	1630	21.1	-1.228	819	277	399	438	434	3218	473.2	315	65	7.857	1096	1.37	0.00	0.00	NaN
0922	1640	20.0	-1.152	802	278	407	443	434	3218	472.8	305	65	7.857	1045	1.37	0.00	0.00	NaN
0932	1650	19.0	-1.001	768	279	409	443	436	3218	471.1	298	65	7.857	1042	1.37	0.00	0.00	NaN
0942	1660	17.9	-1.032	783	280	419	446	443	3218	474.2	296	65	7.857	1041	1.37	0.00	0.00	NaN
0952	1670	17.0	-0.955	781	281	420	448	452	3218	476.3	292	66	7.857	1032	1.37	0.00	0.00	NaN
1002	1680	16.1	-0.875	786	281	430	452	464	3218	482.5	286	65	7.857	1048	1.37	0.00	0.00	NaN
1012	1690	15.4	-0.732	785	281	431	461	476	3218	486.7	281	65	7.857	1035	1.37	0.00	0.00	NaN
1022	1700	14.8	-0.609	776	281	413	468	485	3218	484.7	272	65	7.857	1018	1.37	0.00	0.00	NaN
1032	1710	14.3	-0.471	746	283	464	476	490	3218	491.6	264	65	7.857	987	1.37	0.00	0.00	NaN
1042	1720	13.8	-0.455	719	284	489	482	494	3218	493.6	261	65	7.857	983	1.37	0.00	0.00	NaN
1052	1730	13.4	-0.444	701	285	424	489	499	3218	479.5	259	65	7.857	973	1.37	0.00	0.00	NaN
1102	1740	13.0	-0.393	683	287	508	498	502	3218	495.8	252	65	7.857	939	1.37	0.00	0.00	NaN
1112	1750	12.6	-0.373	662	289	501	508	502	3218	492.4	246	65	7.857	894	1.37	0.00	0.00	NaN
1122	1760	12.3	-0.340	641	290	490	518	497	3218	487.4	239	65	7.857	859	1.37	0.00	0.00	NaN
1132	1770	12.0	-0.308	623	293	474	525	488	3218	480.7	233	66	7.857	841	1.37	0.00	0.00	NaN
1142	1780	11.7	-0.285	607	295	469	529	481	3218	476.4	228	65	7.857	825	1.37	0.00	0.00	NaN
1152	1790	11.4	-0.268	594	297	463	528	475	3218	471.5	223	66	7.857	804	1.37	0.00	0.00	NaN
1202	1800	11.2	-0.211	577	299	437	529	470	3218	462.3	217	66	7.857	774	1.37	0.00	0.00	NaN
1212	1810	11.0	-0.216	567	302	392	524	465	3218	449.9	214	65	7.857	775	1.37	0.00	0.00	NaN
1222	1820	10.8	-0.203	557	303	371	515	464	3218	442.0	211	66	7.857	755	1.37	0.00	0.00	NaN
1232	1830	10.6	-0.190	543	301	361	506	462	3218	434.7	206	66	7.857	737	1.37	0.00	0.00	NaN
1242	1840	10.4	-0.176	532	298	350	498	458	3218	427.2	203	65	7.857	724	1.37	0.00	0.00	NaN
1252	1850	10.3	-0.151	520	295	338	492	453	3218	419.5	199	65	7.857	707	1.37	0.00	0.00	NaN
1302	1860	10.1	-0.183	508	291	328	484	448	3218	411.8	196	65	7.857	692	1.37	0.00	0.00	NaN
1312	1870	9.9	-0.163	497	288	315	476	446	3218	404.4	192	65	7.857	682	1.37	0.00	0.00	NaN
1322	1880	9.8	-0.146	486	284	307	470	445	3218	398.2	189	65	7.857	667	1.37	0.00	0.00	NaN
1332	1890	9.6	-0.160	474	279	300	465	440	3218	391.6	187	66	7.857	653	1.37	0.00	0.00	NaN
1342	1900	9.5	-0.145	464	273	295	461	436	3218	385.9	183	65	7.857	642	1.37	0.00	0.00	NaN
1352	1910	9.3	-0.162	455	268	293	457	432	3218	381.4	181	65	7.857	630	1.37	0.00	0.00	NaN
1402	1920	9.2	-0.143	448	264	290	453	430	3218	376.9	179	66	7.857	621	1.37	0.00	0.00	NaN
1412	1930	9.0	-0.160	441	260	287	446	427	3218	372.9	178	65	7.857	615	1.37	0.00	0.00	NaN
1422	1940	8.9	-0.136	436	256	284	445	427	3218	369.8	177	65	7.857	610	1.37	0.00	0.00	NaN
1432	1950	8.7	-0.151	431	253	282	440	426	3218	366.4	175	65	7.857	602	1.37	0.00	0.00	NaN
1442	1960	8.6	-0.148	426	251	280	433	425	3218	363.0	174	65	7.857	597	1.37	0.00	0.00	NaN
1452	1970	8.4	-0.146	421	248	278	427	425	3218	359.6	173	66	7.857	593	1.37	0.00	0.00	NaN
1502	1980	8.3	-0.128	416	245	277	420	422	3218	356.0	172	66	7.857	590	1.37	0.00	0.00	NaN
1512	1990	8.2	-0.137	411	243	273	413	411	3218	350.1	171	66	7.857	580	1.37	0.00	0.00	NaN
1522	2000	6.0	-2.126	405	240	268	410	403	3218	345.2	234	66	7.857	568	1.37	0.00	0.00	NaN

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Signature/Date: 11/25/13

MFG: Regency
Model # :CI2600

Run #: Aging 1

Project #: CI2600 Aging
Run Date:Oct 26 2013

Pre-Burn Time	ET	Scale (lbs)	Weight Change	FB Top (oF)	FB Bot (oF)	FB Back (oF)	FB Left (oF)	FB Right (oF)	FB Int (oF)	Avg Surf (oF)	Stack (oF)	AMB (oF)	Draft (in-H2O)	Cat Temp (oF)	O2 (%)	CO2 (%)	CO (%)	CO Ratio
1532	2010	34.7	28.620	500	240	240	401	355	3218	347.2	323	67	7.857	1003	1.37	0.00	0.00	NaN
1542	2020	33.4	-1.229	584	240	222	408	326	3218	355.9	291	67	7.857	1006	1.37	0.00	0.00	NaN
1552	2030	32.0	-1.405	633	239	216	421	316	3218	365.0	307	67	7.857	1067	1.37	0.00	0.00	NaN
1902	2040	30.5	-1.505	687	237	218	439	316	3218	379.4	320	67	7.857	1112	1.37	0.00	0.00	NaN
1912	2050	29.1	-1.382	753	236	221	437	322	3218	393.8	317	67	7.857	1165	1.37	0.00	0.00	NaN
1922	2060	27.8	-1.351	793	235	225	440	331	3218	404.8	319	67	7.857	1165	1.37	0.00	0.00	NaN
1932	2070	26.4	-1.427	810	235	227	452	348	3218	414.3	321	66	7.857	1106	1.37	0.00	0.00	NaN
1942	2080	25.1	-1.208	805	235	232	463	367	3218	420.6	295	67	7.857	1052	1.37	0.00	0.00	NaN
1952	2090	24.3	-0.884	774	235	233	457	376	3218	414.9	281	67	7.857	1033	1.37	0.00	0.00	NaN
1702	2100	23.5	-0.798	740	235	235	453	377	3218	408.2	271	67	7.857	1012	1.37	0.00	0.00	NaN
1712	2110	22.7	-0.764	711	235	236	445	376	3218	401.2	264	67	7.857	1007	1.37	0.00	0.00	NaN
1722	2120	22.0	-0.730	693	234	238	447	376	3218	397.5	259	66	7.857	998	1.37	0.00	0.00	NaN
1732	2130	21.3	-0.718	679	233	243	447	377	3218	395.7	254	66	7.857	983	1.37	0.00	0.00	NaN
1742	2140	20.6	-0.673	672	232	246	447	375	3218	394.4	253	66	7.857	986	1.37	0.00	0.00	NaN
1752	2150	20.0	-0.604	660	230	242	445	371	3218	389.6	250	66	7.857	992	1.37	0.00	0.00	NaN
1802	2160	19.4	-0.624	648	229	245	448	369	3218	387.8	249	66	7.857	977	1.37	0.00	0.00	NaN
1812	2170	18.7	-0.624	640	229	247	460	367	3218	388.6	248	66	7.857	983	1.37	0.00	0.00	NaN
1822	2180	18.1	-0.615	642	228	269	466	366	3218	382.4	249	66	7.857	984	1.37	0.00	0.00	NaN
1832	2190	17.4	-0.670	657	228	271	471	368	3218	389.0	254	66	7.857	1026	1.37	0.00	0.00	NaN
1842	2200	16.7	-0.703	677	228	276	481	377	3218	407.8	257	66	7.857	1019	1.37	0.00	0.00	NaN
1852	2210	16.0	-0.716	690	228	285	493	386	3218	416.4	257	66	7.857	991	1.37	0.00	0.00	NaN
1902	2220	15.4	-0.599	695	228	285	498	396	3218	420.3	247	66	7.857	1007	1.37	0.00	0.00	NaN
1912	2230	15.0	-0.434	661	228	286	496	395	3218	413.3	239	66	7.857	937	1.37	0.00	0.00	NaN
1922	2240	14.5	-0.447	637	230	286	489	392	3218	407.0	236	65	7.857	945	1.37	0.00	0.00	NaN
1932	2250	14.1	-0.488	634	230	284	484	391	3218	404.7	237	65	7.857	971	1.37	0.00	0.00	NaN
1942	2260	13.6	-0.458	636	231	284	481	391	3218	404.8	237	65	7.857	980	1.37	0.00	0.00	NaN
1952	2270	13.1	-0.453	630	231	285	480	392	3218	403.9	236	65	7.857	958	1.37	0.00	0.00	NaN
2002	2280	12.7	-0.418	625	232	289	481	396	3218	404.5	233	65	7.857	951	1.37	0.00	0.00	NaN
2012	2290	12.3	-0.455	621	233	291	480	409	3218	406.8	229	65	7.857	907	1.37	0.00	0.00	NaN
2022	2300	11.9	-0.396	615	234	293	477	419	3218	407.6	220	65	7.857	934	1.37	0.00	0.00	NaN
2032	2310	11.6	-0.270	607	236	289	472	424	3218	405.8	217	65	7.857	889	1.37	0.00	0.00	NaN
2042	2320	11.4	-0.210	571	240	286	463	432	3218	398.2	205	65	7.857	816	1.37	0.00	0.00	NaN
2052	2330	11.2	-0.185	540	242	278	450	455	3218	393.1	196	65	7.857	776	1.37	0.00	0.00	NaN
2102	2340	11.0	-0.180	511	243	270	437	467	3218	385.5	187	67	7.857	715	1.37	0.00	0.00	NaN
2112	2350	10.9	-0.160	488	243	268	424	470	3218	378.8	180	66	7.857	681	1.37	0.00	0.00	NaN
2122	2360	41.6	30.067	461	244	259	439	476	3218	375.9	308	67	7.857	537	1.37	0.00	0.00	NaN
2132	2370	38.7	-2.294	545	249	229	465	444	3218	406.4	441	67	7.857	1194	1.37	0.00	0.00	NaN
2142	2380	37.2	-1.454	727	255	217	439	420	3218	411.7	319	67	7.857	1098	1.37	0.00	0.00	NaN
2152	2390	36.0	-1.245	717	258	211	428	413	3218	406.5	309	67	7.857	1106	1.37	0.00	0.00	NaN
2202	2400	34.5	-1.461	755	259	209	426	412	3218	411.9	324	67	7.857	1127	1.37	0.00	0.00	NaN
2212	2410	32.9	-1.596	781	259	212	423	416	3218	418.6	322	67	7.857	1094	1.37	0.00	0.00	NaN
2222	2420	31.7	-1.199	782	256	215	422	421	3218	419.3	307	67	7.857	1151	1.37	0.00	0.00	NaN
2232	2430	30.4	-1.322	793	253	218	419	424	3218	421.5	313	67	7.857	1148	1.37	0.00	0.00	NaN
2242	2440	29.1	-1.299	799	250	221	423	427	3218	424.1	308	67	7.857	1125	1.37	0.00	0.00	NaN
2252	2450	28.0	-1.106	805	247	224	422	432	3218	426.0	298	67	7.857	1086	1.37	0.00	0.00	NaN
2302	2460	27.0	-1.003	799	244	227	421	440	3218	426.4	285	67	7.857	1079	1.37	0.00	0.00	NaN
2312	2470	26.2	-0.752	776	242	228	414	437	3218	419.5	273	67	7.857	1060	1.37	0.00	0.00	NaN
2322	2480	25.5	-0.693	741	240	230	410	431	3218	410.3	266	67	7.857	1028	1.37	0.00	0.00	NaN
2332	2490	24.9	-0.667	711	240	231	411	429	3218	404.3	258	67	7.857	1003	1.37	0.00	0.00	NaN
2342	2500	24.3	-0.610	683	239	231	412	427	3218	398.6	250	67	7.857	985	1.37	0.00	0.00	NaN

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Signature/Date: 11/15/13

MFG: Regency
Model # :CI2600

Run #: Aging 1

Project #: CI2600 Aging
Run Date:Oct 26 2013

Pre-Burn Time	ET	Scale (lbs)	Weight Change	FB Top (oF)	FB Bot (oF)	FB Back (oF)	FB Left (oF)	FB Right (oF)	FB Int (oF)	Avg Surf (oF)	Stack (oF)	AMB (oF)	Draft (In-H2O)	Cal Temp (oF)	O2 (%)	CO2 (%)	CO (%)	CO Ratio
2352	2510	23.7	-0.562	662	239	229	412	425	3218	393.6	245	67	7.857	953	1.37	0.00	0.00	NaN
0002	2520	23.2	-0.533	642	238	227	414	423	3218	389.1	239	68	7.857	934	1.37	0.00	0.00	NaN
0012	2530	22.7	-0.485	627	237	225	418	419	3218	385.1	232	67	7.857	678	1.37	0.00	0.00	NaN
0022	2540	22.2	-0.436	606	236	222	422	415	3218	380.1	224	67	7.857	848	1.37	0.00	0.00	NaN
0032	2550	21.8	-0.427	588	235	218	425	407	3218	374.5	219	68	7.857	826	1.37	0.00	0.00	NaN
0042	2560	21.4	-0.401	573	233	215	425	399	3218	368.7	215	67	7.857	806	1.37	0.00	0.00	NaN
0052	2570	21.0	-0.434	567	231	214	424	392	3218	365.4	216	67	7.857	821	1.37	0.00	0.00	NaN
0102	2580	20.5	-0.442	568	229	215	425	388	3218	364.9	220	67	7.857	845	1.37	0.00	0.00	NaN
0112	2590	20.0	-0.499	581	228	217	429	387	3218	368.3	226	67	7.857	885	1.37	0.00	0.00	NaN
0122	2600	19.5	-0.530	604	226	221	439	390	3218	375.8	236	67	7.857	939	1.37	0.00	0.00	NaN
0132	2610	19.0	-0.515	616	225	225	448	394	3218	381.8	236	67	7.857	934	1.37	0.00	0.00	NaN
0142	2620	18.5	-0.484	616	225	229	457	399	3218	385.3	235	67	7.857	925	1.37	0.00	0.00	NaN
0152	2630	18.0	-0.493	621	225	233	463	404	3218	389.2	237	66	7.857	950	1.37	0.00	0.00	NaN
0202	2640	17.5	-0.535	632	225	239	469	409	3218	394.8	242	66	7.857	980	1.37	0.00	0.00	NaN
0212	2650	17.0	-0.519	648	225	246	475	418	3218	402.3	244	66	7.857	996	1.37	0.00	0.00	NaN
0222	2660	16.5	-0.418	646	226	253	478	426	3218	405.5	239	66	7.857	973	1.37	0.00	0.00	NaN
0232	2670	16.2	-0.353	623	226	256	476	431	3218	402.6	228	66	7.857	926	1.37	0.00	0.00	NaN
0242	2680	15.9	-0.299	596	227	257	469	435	3218	396.8	220	66	7.857	885	1.37	0.00	0.00	NaN
0252	2690	15.6	-0.324	576	227	257	459	437	3218	391.0	215	66	7.857	865	1.37	0.00	0.00	NaN
0302	2700	15.3	-0.271	558	226	256	452	436	3218	385.4	209	66	7.857	830	1.37	0.00	0.00	NaN
0312	2710	15.1	-0.233	536	225	254	444	435	3218	378.9	203	66	7.857	783	1.37	0.00	0.00	NaN
0322	2720	14.9	-0.183	510	225	252	437	431	3218	370.8	192	66	7.857	705	1.37	0.00	0.00	NaN
0332	2730	14.7	-0.136	478	224	249	430	427	3218	361.5	181	66	7.857	647	1.37	0.00	0.00	NaN
0342	2740	14.6	-0.142	454	223	245	422	420	3218	352.7	174	66	7.857	621	1.37	0.00	0.00	NaN
0352	2750	14.5	-0.145	437	222	241	414	413	3218	345.4	169	66	7.857	603	1.37	0.00	0.00	NaN
0402	2760	14.3	-0.129	425	221	238	407	407	3218	339.6	165	66	7.857	591	1.37	0.00	0.00	NaN
0412	2770	14.2	-0.128	415	220	236	400	401	3218	334.4	163	66	7.857	583	1.37	0.00	0.00	NaN
0422	2780	14.1	-0.143	409	219	234	394	396	3218	330.6	161	65	7.857	578	1.37	0.00	0.00	NaN
0432	2790	13.9	-0.131	405	218	233	388	393	3218	327.5	160	65	7.857	574	1.37	0.00	0.00	NaN
0442	2800	13.8	-0.126	401	217	233	384	390	3218	324.8	159	65	7.857	571	1.37	0.00	0.00	NaN
0452	2810	13.7	-0.145	400	216	234	380	384	3218	322.6	159	65	7.857	576	1.37	0.00	0.00	NaN
0502	2820	13.5	-0.131	400	216	235	380	381	3218	322.3	159	65	7.857	580	1.37	0.00	0.00	NaN
0512	2830	13.4	-0.134	401	215	235	381	378	3218	322.0	158	63	7.857	580	1.37	0.00	0.00	NaN
0522	2840	13.3	-0.133	400	215	236	381	376	3218	321.8	159	63	7.857	579	1.37	0.00	0.00	NaN
0532	2850	19.1	5.792	401	215	237	382	372	3218	321.4	200	62	7.857	576	1.37	0.00	0.00	NaN
0542	2860	17.8	-1.248	558	213	228	416	356	3218	362.1	368	62	7.857	1086	1.37	0.00	0.00	NaN
0552	2870	16.7	-1.066	687	216	239	464	428	3218	406.8	300	62	7.857	1015	1.37	0.00	0.00	NaN
0602	2880	16.1	-0.672	683	222	246	474	439	3218	412.7	251	62	7.857	925	1.37	0.00	0.00	NaN
0612	2890	15.4	-0.670	688	227	251	482	442	3218	417.9	242	62	7.857	927	1.37	0.00	0.00	NaN
0622	2900	14.9	-0.496	682	231	255	483	442	3218	418.7	231	63	7.857	894	1.37	0.00	0.00	NaN
0632	2910	14.5	-0.401	641	234	265	482	443	3216	413.0	223	63	7.857	863	1.37	0.00	0.00	NaN
0642	2920	14.1	-0.404	616	236	273	476	440	3218	408.1	218	63	7.857	861	1.37	0.00	0.00	NaN
0652	2930	13.8	-0.263	594	237	271	464	435	3218	400.0	206	61	7.857	804	1.37	0.00	0.00	NaN
0702	2940	13.6	-0.237	564	237	266	452	427	3216	389.1	199	63	7.857	777	22.21	0.00	0.00	NaN
0712	2950	13.5	-0.136	535	236	260	440	415	3218	377.3	188	63	7.857	724	22.25	0.00	0.00	NaN
0722	2960	13.3	-0.136	500	235	258	428	403	3218	364.7	177	63	7.857	684	22.19	0.00	0.00	NaN
0732	2970	13.2	-0.139	472	232	259	417	392	3216	354.6	170	63	7.857	633	22.25	0.00	0.00	NaN
0742	2980	13.0	-0.142	452	230	261	410	382	3218	346.9	165	63	7.857	616	22.24	0.00	0.00	NaN
0752	2990	12.9	-0.140	439	228	262	403	374	3218	341.3	163	64	7.857	610	22.23	0.00	0.00	NaN
0802	3000	12.8	-0.111	430	225	262	401	368	3218	337.1	161	64	7.857	601	22.17	0.00	0.00	NaN

FPI /Regency Lab

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Signature/Date: 11/25/13

MFG: Regency
Model # :CI2600

Run #: Aging 1

Project #: CI2600 Aging
Run Date:Oct 26 2013

Pre-Burn Time	ET	Scale (lbs)	Weight Change	FB Top (oF)	FB Bot (oF)	FB Back (oF)	FB Left (oF)	FB Right (oF)	FB Int (oF)	Avg Surf (oF)	Stack (oF)	AMB (oF)	Draft (In-H2O)	Cat Temp (oF)	O2 (%)	CO2 (%)	CO (%)	CO Ratio
0812	3010	12.7	-0.137	421	223	261	399	360	3218	332.7	158	63	7.857	590	22.21	0.00	0.00	NaN
0822	3020	12.5	-0.111	413	221	259	398	354	3218	328.8	157	63	7.857	581	22.31	0.00	0.00	NaN

FPI /Regency Lab

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Signature/Date: 11/25/13

MFG: Regency
Model #:CI2600

Run #: Aging 1

Project #: CI2600 Aging
Run Date:Oct 26 2013

Test Time	ET	Gas Meter (ft3)	Sample Rate (cfm)	Orifice dH	Meter (deg F)	Meter Vac	Dil Tun Temp	Dil Tunn dP	Pro Rate (10%)	Scale Reading	Weight Change	FB Top	FB Bot	FB Back	FB Left	FB Right	FB Int	Avg Surf	Stack	Filter	Imping Exit	AMB	Draft	Cat Temp
AVG	NA	NA	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NA	NA	NaN	NaN	NaN	NaN	NaN	NaN	NA	NaN	NaN	NaN	NaN	NaN	NaN

FPI /Regency Lab

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Signature/Date: 11/5/13

Appendix F: EPA Run Data

Run 1 Data

[redacted]

MFG: Regency
Model # :CI2600

Run #: EPA1

Project #: CI2600 Certification
Run Date:Oct 28 2013

Pre-Burn Time	ET	Scale (lbs)	Weight Change	FB Top (oF)	FB Bot (oF)	FB Back (oF)	FB Left (oF)	FB Right (oF)	FB Int (oF)	Avg Surf (oF)	Stack (oF)	AMB (oF)	Draft (In-H2O)	Cat Temp (oF)	O2 (%)	CO2 (%)	CO (%)	CO Ratio
1004	0	6.3	0.000	808	483	532	587	612	3218	604.5	437	69	-0.052	1114	22.13	0.00	0.00	NaN
1014	10	5.3	-0.989	806	449	444	570	608	3218	575.8	287	68	-0.076	1058	22.15	0.00	0.00	NaN
1024	20	4.3	-1.026	783	418	373	559	601	3218	546.8	271	67	-0.060	1038	22.17	0.00	0.00	NaN
1034	30	3.6	-0.693	763	398	373	553	598	3218	536.9	247	67	-0.092	1028	22.20	0.00	0.00	NaN
1044	40	3.2	-0.448	723	381	386	547	587	3218	525.0	226	68	-0.099	941	1.37	0.00	0.00	NaN
1054	50	2.9	-0.250	662	369	353	540	559	3218	496.4	206	66	-0.107	857	1.37	0.00	0.00	NaN
1104	60	2.8	-0.142	603	361	329	516	529	3218	467.6	192	67	-0.113	774	1.37	0.00	0.00	NaN
1114	70	2.7	-0.129	556	355	335	492	500	3218	447.6	181	67	-0.117	726	1.37	0.00	0.00	NaN
1115	71	2.6	-0.054	552	355	345	489	496	3218	447.4	224	67	-0.082	730	1.37	0.00	0.00	NaN

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Signature/Date: 11/5/13

MFG: Regency
Model # :CI2600

Run #: EPA1

Project #: CI2600 Certification
Run Date:Oct 28 2013

Test Time	ET	Gas Meter (ft3)	Sample Rate (cfm)	Orifice dH	Meter (deg F)	Meter Vac	Dil Tun Temp	Dil Tunn dP	Pro Rate (10%)	Scale Reading	Weight Change	FB Top	FB Bot	FB Back	FB Left	FB Right	FB Int	Avg Surf	Stack	Filter	Imping Exit	AMB	Draft	Cat Temp
1116	0	0.000	0.000	-0.02	70	0.62	85	0.036	0.0	12.3	12.32	548	356	346	486	493	3218	445.8	214	67	65	68	-0.095	724
1126	10	5.242	0.524	0.86	70	1.16	83	0.036	100.7	11.8	-0.49	509	374	332	422	433	3218	414.1	219	70	64	67	-0.099	661
1136	20	10.458	0.522	0.85	72	1.11	81	0.036	100.3	11.4	-0.48	505	382	270	383	389	3218	385.6	205	71	45	68	-0.099	718
1146	30	15.674	0.522	0.85	73	1.15	82	0.036	100.2	10.6	-0.73	524	382	280	368	374	3218	385.8	223	71	45	67	-0.093	821
1156	40	20.906	0.523	0.85	74	1.16	83	0.036	100.4	9.8	-0.82	549	359	243	369	373	3218	378.6	235	71	45	67	-0.090	866
1206	50	26.140	0.523	0.85	75	1.12	83	0.036	100.3	9.0	-0.84	564	337	278	376	386	3218	388.3	239	72	45	67	-0.091	871
1216	60	31.377	0.524	0.85	76	1.16	84	0.036	100.3	8.1	-0.86	650	322	255	372	386	3218	397.0	259	72	45	67	-0.083	1118
1226	70	36.615	0.524	0.85	77	1.18	87	0.036	100.3	7.0	-1.10	729	312	280	393	408	3218	424.4	265	72	45	68	-0.077	1063
1236	80	41.854	0.524	0.85	78	1.17	86	0.036	100.2	5.8	-1.22	721	306	343	425	440	3218	447.2	276	73	45	68	-0.080	1023
1246	90	47.101	0.525	0.85	78	1.14	87	0.036	100.3	4.8	-0.99	718	304	396	450	467	3218	466.9	265	74	45	69	-0.085	1048
1256	100	52.357	0.526	0.85	79	1.17	86	0.036	100.4	4.1	-0.74	715	306	327	465	497	3218	461.8	252	74	45	69	-0.089	1025
1306	110	57.617	0.526	0.85	79	1.15	87	0.036	100.4	3.4	-0.65	714	309	315	470	510	3218	463.6	246	74	46	69	-0.092	1040
1316	120	62.878	0.526	0.85	80	1.17	86	0.036	100.4	2.8	-0.59	745	314	284	473	512	3218	465.6	240	74	46	70	-0.095	1083
1326	130	68.144	0.527	0.85	80	1.16	85	0.036	100.5	2.5	-0.33	711	318	352	482	515	3218	475.7	225	74	46	71	-0.101	925
1336	140	73.414	0.527	0.85	80	1.16	84	0.036	100.5	2.3	-0.24	649	322	415	484	510	3218	476.0	207	74	46	70	-0.106	859
1346	150	78.686	0.527	0.85	81	1.16	84	0.036	100.5	2.1	-0.19	603	325	370	477	499	3218	454.5	195	74	46	70	-0.112	797
1356	160	83.960	0.527	0.85	81	1.14	83	0.036	100.5	1.9	-0.16	566	326	370	466	486	3218	443.2	187	74	46	71	-0.116	757
1406	170	89.238	0.528	0.85	81	1.14	82	0.036	100.6	1.7	-0.16	539	326	316	455	473	3218	421.8	181	74	47	71	-0.117	730
1416	180	94.513	0.528	0.85	81	1.13	82	0.036	100.5	1.6	-0.13	514	325	286	445	460	3218	405.8	174	74	47	70	-0.120	699
1426	190	99.791	0.528	0.85	81	1.12	82	0.036	100.5	1.5	-0.14	497	323	277	434	446	3218	395.5	171	74	47	70	-0.121	686
1436	200	105.069	0.528	0.85	81	1.16	81	0.036	100.5	1.3	-0.13	484	321	276	424	437	3218	388.3	168	74	47	70	-0.123	678
1446	210	110.351	0.528	0.85	81	1.16	81	0.036	100.6	1.2	-0.13	473	321	299	419	432	3218	388.7	167	74	47	71	-0.122	663
1456	220	115.628	0.528	0.85	81	1.17	81	0.036	100.5	1.1	-0.11	455	327	289	414	424	3218	381.8	162	74	47	70	-0.125	630
1506	230	120.908	0.528	0.85	81	1.14	80	0.036	100.6	1.0	-0.12	444	330	259	404	413	3218	389.9	158	74	47	71	-0.126	619
1516	240	126.184	0.528	0.85	81	1.16	81	0.036	100.5	0.9	-0.12	434	325	269	392	405	3218	385.0	160	74	47	71	-0.125	621
1526	250	131.462	0.528	0.85	81	1.15	80	0.036	100.5	0.7	-0.12	423	323	246	383	398	3218	354.7	155	73	48	69	-0.127	596
1536	260	136.736	0.527	0.85	81	1.17	79	0.036	100.5	0.6	-0.11	413	323	258	375	391	3218	352.0	150	73	47	69	-0.128	586
1546	270	142.015	0.528	0.85	81	1.15	79	0.036	100.7	0.5	-0.12	407	320	245	365	384	3218	344.2	153	72	47	69	-0.129	589
1556	280	147.274	0.526	0.84	81	1.14	80	0.036	100.4	0.3	-0.16	406	320	212	361	377	3218	335.0	159	73	47	70	-0.127	587
1606	290	152.530	0.526	0.85	81	1.13	80	0.036	100.3	0.2	-0.13	407	339	251	367	375	3218	347.6	152	73	47	70	-0.130	555
1616	300	157.788	0.526	0.84	81	1.16	79	0.036	100.3	0.0	-0.20	416	356	323	374	377	3218	369.2	150	73	48	70	-0.130	552
AVG	NA	NA	0.526	0.850	76.613	1.115	82.742	0.036	100.440	NA	NA	549.419	330.097	298.774	418.484	434.516	3218.000	NA	201.032	72.903	46.774	69.258	-0.108	780.323

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Signature/Date: 11/25/13

Run 2 Data:

MFG: Regency
Model # :CI2600

Run #: EPA 2

Project #: 015-S-28-1
Run Date:Oct 29 2013

Pre-Burn Time	ET	Scale (lbs)	Weight Change	FB Top (oF)	FB Bot (oF)	FB Back (oF)	FB Left (oF)	FB Right (oF)	FB Int (oF)	Avg Surf (oF)	Stack (oF)	AMB (oF)	Draft (In-H2O)	Cat Temp (oF)	O2 (%)	CO2 (%)	CO (%)	CO Ratio
0955	0	6.8	0.000	747	524	401	574	556	3218	560.5	404	68	-0.055	1026	1.37	0.00	0.00	NaN
1005	10	6.0	-0.787	762	479	310	553	566	3218	533.7	288	68	-0.077	1022	1.37	0.00	0.00	NaN
1015	20	5.2	-0.861	763	439	314	543	557	3218	523.3	280	67	-0.090	1025	1.37	0.00	0.00	NaN
1025	30	4.2	-0.952	771	413	277	553	561	3218	515.2	283	67	-0.092	1032	1.37	0.00	0.00	NaN
1035	40	3.6	-0.609	754	398	289	555	582	3218	511.8	259	67	-0.090	979	1.37	0.00	0.00	NaN
1045	50	3.3	-0.304	693	386	287	539	553	3218	491.6	238	68	-0.096	891	1.37	0.00	0.00	NaN
1055	60	3.1	-0.186	632	375	279	519	536	3218	468.4	222	68	-0.102	816	1.37	0.00	0.00	NaN
1057	62	3.1	-0.039	618	373	278	514	533	3218	463.3	218	67	-0.103	799	1.37	0.00	0.00	NaN
1057	63	3.1	-0.008	618	373	278	514	533	3218	463.3	218	67	-0.103	799	1.37	0.00	0.00	NaN
1100	65	3.0	-0.043	604	371	276	510	529	3218	458.1	215	68	-0.105	782	1.37	0.00	0.00	NaN

Signature/Date: 10/29/13

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MFG: Regency
Model #: CI2600

Run #: EPA 2

Project #: 015-S-28-1
Run Date:Oct 29 2013

Test Time	ET	Gas Meter (ft3)	Sample Rate (cfm)	Orifice dH	Meter (deg F)	Meter Vac	Dil Tun Temp	Dil Tunn dP	Pro Rate (10%)	Scale Reading	Weight Change	FB Top	FB Bot	FB Back	FB Left	FB Right	FB Int	Avg Surf	Stack	Filter	Imping Exit	AMB	Draft	Cat Temp
1101	0	0.000	0.000	-0.02	70	0.02	90	0.036	0.0	12.5	12.47	598	371	272	507	526	3218	455.0	249	67	65	67	-0.085	771
1111	10	5.197	0.520	0.86	70	1.19	87	0.036	100.7	11.9	-0.58	557	391	293	446	463	3218	430.0	249	70	43	68	-0.088	730
1121	20	10.412	0.521	0.85	72	1.23	88	0.036	100.7	10.9	-0.98	581	400	291	413	421	3218	421.3	279	72	44	67	-0.075	988
1131	30	15.606	0.519	0.84	73	1.19	91	0.036	100.3	9.5	-1.37	692	399	318	412	419	3218	448.0	321	73	44	68	-0.068	1124
1141	40	20.826	0.522	0.85	75	1.17	91	0.036	100.5	8.1	-1.43	759	373	282	431	443	3218	457.6	317	73	44	68	-0.071	1090
1151	50	26.057	0.523	0.85	76	1.21	92	0.036	100.5	6.9	-1.25	769	354	305	448	470	3218	469.3	311	74	44	69	-0.071	1090
1201	60	31.290	0.523	0.85	77	1.21	92	0.036	100.4	5.7	-1.12	775	344	333	463	493	3218	481.6	305	75	45	69	-0.074	1104
1211	70	36.527	0.524	0.85	78	1.21	91	0.036	100.3	4.8	-0.96	767	339	339	478	512	3218	487.1	297	75	45	70	-0.077	1099
1221	80	41.778	0.525	0.85	79	1.21	90	0.036	100.5	4.0	-0.75	746	339	342	490	529	3218	489.2	283	75	45	70	-0.082	1043
1231	90	47.039	0.526	0.85	80	1.20	89	0.036	100.6	3.4	-0.64	725	340	317	500	547	3218	485.7	273	75	45	70	-0.083	1010
1241	100	52.306	0.527	0.85	80	1.19	89	0.036	100.6	2.8	-0.57	703	343	331	511	552	3218	488.0	265	75	45	70	-0.067	971
1251	110	57.572	0.527	0.85	80	1.18	88	0.036	100.5	2.4	-0.41	673	347	321	520	554	3218	483.1	246	75	45	70	-0.095	869
1301	120	62.840	0.527	0.85	81	1.18	86	0.036	100.5	2.2	-0.24	633	352	321	518	547	3218	474.2	228	75	45	71	-0.101	802
1311	130	68.107	0.527	0.85	81	1.22	85	0.036	100.5	2.0	-0.19	593	356	311	506	536	3218	460.4	216	75	45	70	-0.105	760
1321	140	73.374	0.527	0.85	81	1.23	84	0.036	100.5	1.8	-0.18	560	359	318	493	521	3218	450.0	206	75	46	71	-0.108	733
1331	150	78.645	0.527	0.85	81	1.23	84	0.036	100.6	1.6	-0.19	537	360	313	480	508	3218	439.5	201	75	45	71	-0.110	718
1341	160	83.917	0.527	0.85	81	1.18	84	0.036	100.6	1.5	-0.13	520	359	300	469	495	3218	428.7	196	75	46	71	-0.112	704
1351	170	89.190	0.527	0.85	81	1.17	83	0.036	100.6	1.3	-0.17	507	357	286	457	490	3218	420.0	193	74	46	70	-0.113	698
1401	180	94.462	0.527	0.85	81	1.27	83	0.036	100.6	1.1	-0.17	499	356	283	448	483	3218	413.7	192	74	46	70	-0.113	694
1411	190	99.736	0.527	0.85	81	1.20	83	0.036	100.6	1.0	-0.16	491	353	286	442	474	3218	409.4	191	74	46	70	-0.113	685
1421	200	105.008	0.527	0.85	81	1.21	83	0.036	100.6	0.8	-0.15	484	351	287	437	461	3218	404.1	189	74	46	71	-0.114	676
1431	210	110.280	0.527	0.85	81	1.21	83	0.036	100.6	0.7	-0.15	477	348	277	434	451	3218	397.4	187	74	46	70	-0.116	671
1441	220	115.548	0.527	0.85	81	1.17	83	0.036	100.5	0.5	-0.15	474	344	269	431	441	3218	391.7	187	74	46	71	-0.114	674
1451	230	120.817	0.527	0.85	81	1.19	82	0.036	100.5	0.4	-0.16	471	342	259	432	433	3218	387.6	187	74	46	71	-0.114	676
1501	240	126.088	0.527	0.85	82	1.18	82	0.036	100.6	0.2	-0.15	467	342	245	426	425	3218	381.3	185	74	46	70	-0.116	671
1511	250	131.361	0.527	0.85	82	1.22	82	0.036	100.6	0.0	-0.19	462	340	243	421	419	3218	376.8	184	74	46	71	-0.116	662
AVG	NA	NA	0.525	0.850	78.692	1.157	86.346	0.036	100.540	NA	NA	596.923	356.115	297.846	462.115	485.115	3218.000	NA	236.038	73.846	45.962	69.769	-0.097	835.115

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Signature/Date: 11/5/13

Run 3 Data:

[redacted]

MFG: Regency
Model # :CI 2600

Run #: EPA 3

Project #: 015-S-28-1
Run Date:10_29_13

Pre-Burn Time	ET	Scale (lbs)	Weight Change	FB Top (oF)	FB Bot (oF)	FB Back (oF)	FB Left (oF)	FB Right (oF)	FB Int (oF)	Avg Surf (oF)	Stack (oF)	AMB (oF)	Draft (In-H2O)	Cat Temp (oF)	O2 (%)	CO2 (%)	CO (%)	CO Ratio
1615	0	11.7	0.000	693	456	564	601	594	3218	581.6	385	74	-0.076	658	1.37	0.00	0.00	NaN
1625	10	11.0	-0.747	581	405	262	533	535	3218	463.2	333	72	-0.069	789	1.37	0.00	0.00	NaN
1635	20	9.5	-1.507	583	365	225	496	519	3218	437.7	397	72	-0.055	1043	1.37	0.00	0.00	NaN
1645	30	7.7	-1.824	684	342	217	511	546	3218	460.0	429	72	-0.053	1099	1.37	0.00	0.00	NaN
1655	40	5.7	-1.938	750	329	230	549	615	3218	495.0	434	72	-0.053	1150	1.37	0.00	0.00	NaN
1705	50	4.2	-1.568	791	327	224	601	677	3218	524.0	428	72	-0.054	1194	1.37	0.00	0.00	NaN
1715	60	3.5	-0.703	770	331	245	649	662	3218	531.7	381	72	-0.065	981	1.37	0.00	0.00	NaN
1725	70	3.1	-0.327	677	339	254	627	628	3218	504.9	362	72	-0.054	871	1.37	0.00	0.00	NaN
1725	70	3.1	-0.018	677	339	254	627	628	3218	504.9	362	72	-0.058	871	1.37	0.00	0.00	NaN

Signature/Date: 11/5/13

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MFG: Regency
Model # :CI 2600

Run #: EPA 3

Project #: 015-S-28-1
Run Date:10_29_13

Test Time	ET	Gas Meter (ft3)	Sample Rate (cfm)	Orifice dH	Meter (deg F)	Meter Vac	Dil Tun Temp	Dil Tunn dP	Pro Rate (10%)	Scale Reading	Weight Change	FB Top	FB Bot	FB Back	FB Left	FB Right	FB Int	Avg Surf	Stack	Filter	Imping Exit	AMB	Draft	Cat Temp
1725	0	0.000	0.000	-0.02	76	0.02	111	0.037	0.0	12.3	12.27	673	342	269	621	622	3218	505.6	353	72	70	73	-0.070	863
1735	10	5.210	0.521	0.85	76	1.16	116	0.037	100.8	10.8	-1.44	654	390	353	534	557	3218	497.6	411	79	43	73	-0.053	1016
1745	20	10.448	0.524	0.84	77	1.15	119	0.037	100.9	9.0	-1.80	753	407	391	528	546	3218	524.9	451	80	44	73	-0.048	1113
1755	30	15.589	0.514	0.83	79	1.21	120	0.037	99.4	7.3	-1.73	778	415	428	570	569	3218	552.2	453	80	44	73	-0.051	1133
1805	40	20.766	0.516	0.84	80	1.13	116	0.037	100.1	5.7	-1.59	831	370	299	615	612	3218	545.4	435	80	44	71	-0.055	1149
1815	50	26.019	0.525	0.85	80	1.18	114	0.037	101.2	4.3	-1.43	829	345	309	638	626	3218	549.2	427	80	44	71	-0.053	1130
1825	60	31.270	0.525	0.85	81	1.19	112	0.037	101.1	3.2	-1.09	802	334	409	643	661	3218	569.6	412	79	44	71	-0.057	1074
1835	70	36.557	0.529	0.86	81	1.18	109	0.037	101.6	2.3	-0.88	764	332	493	658	677	3218	584.8	393	77	44	71	-0.060	1025
1845	80	41.799	0.524	0.84	81	1.21	106	0.037	100.7	1.7	-0.57	717	334	485	662	688	3218	577.2	387	76	44	70	-0.066	950
1855	90	47.048	0.525	0.84	81	1.18	103	0.037	100.9	1.4	-0.37	668	338	460	660	677	3218	560.6	348	76	44	70	-0.069	897
1905	100	52.278	0.523	0.84	81	1.16	101	0.037	100.5	1.1	-0.32	626	343	366	639	654	3218	525.7	335	76	44	69	-0.072	859
1915	110	57.507	0.523	0.84	81	1.18	100	0.037	100.5	0.7	-0.30	595	344	339	621	634	3218	506.9	327	77	44	69	-0.074	842
1925	120	62.734	0.523	0.84	80	1.17	98	0.037	100.6	0.5	-0.30	575	343	337	607	619	3218	496.1	322	77	44	69	-0.075	825
1935	130	67.962	0.523	0.84	80	1.16	98	0.037	100.6	0.2	-0.30	558	342	317	596	603	3218	483.3	317	77	44	68	-0.076	804
1945	140	73.188	0.523	0.84	80	1.16	98	0.037	100.6	0.0	-0.13	541	341	276	380	587	3218	465.0	311	77	44	69	-0.078	779
AVG	NA	NA	0.523	0.843	79.600	1.096	108.067	0.037	100.679	NA	NA	690.933	354.667	368.733	611.467	622.133	3218.000	NA	377.467	77.533	45.667	70.667	-0.064	963.933

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Signature/Date: 10/29/13

Run 4 Data:

MFG: Regency
Model #:CI2600

Run #: EPA 4

Project #: 015-S-28-1
Run Date:Oct 30 2013

Pre-Burn Time	ET	Scale (lbs)	Weight Change	FB Top (oF)	FB Bot (oF)	FB Back (oF)	FB Left (oF)	FB Right (oF)	FB Int (oF)	Avg Surf (oF)	Stack (oF)	AMB (oF)	Draft (In-H2O)	Cat Temp (oF)	O2 (%)	CO2 (%)	CO (%)	CO Ratio
0918	0	7.9	0.000	870	527	442	617	623	3218	616.0	457	67	-0.045	1144	1.37	0.00	0.00	NaN
0928	10	6.3	-1.595	860	457	344	670	638	3218	593.8	429	67	-0.051	1201	1.37	0.00	0.00	NaN
0938	20	5.1	-1.222	833	412	267	710	652	3218	574.7	410	67	-0.055	1130	1.37	0.00	0.00	NaN
0948	30	4.1	-0.969	810	389	319	711	676	3218	581.0	393	68	-0.059	1080	1.37	0.00	0.00	NaN
0958	40	3.7	-0.468	749	375	390	689	673	3218	575.4	380	67	-0.066	959	1.37	0.00	0.00	NaN
1008	50	3.4	-0.231	667	370	334	650	640	3218	532.1	334	68	-0.071	879	1.37	0.00	0.00	NaN
1018	60	3.2	-0.240	596	366	253	607	599	3218	484.4	313	68	-0.078	780	1.37	0.00	0.00	NaN
1022	64	3.1	-0.088	570	366	241	591	581	3218	470.0	317	67	-0.078	755	1.37	0.00	0.00	NaN

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Signature/Date: 11/15/13

MFG: Regency
Model # :CI2600

Run #: EPA 4

Project #: 015-S-28-1
Run Date:Oct 30 2013

Test Time	ET	Gas Meter (ft3)	Sample Rate (cfm)	Orifice dH	Meter (deg F)	Meter Vac	Dil Tun Temp	Dil Tunn dP	Pro Rate (10%)	Scale Reading	Weight Change	FB Top	FB Bot	FB Back	FB Left	FB Right	FB Int	Avg Surf	Stack	Filter	Imping Exit	AMB	Draft	Cat Temp
1023	0	0.000	0.000	-0.02	70	0.02	99	0.037	0.0	12.4	12.38	569	369	246	586	575	3218	466.9	314	66	65	67	-0.076	751
1033	10	5.167	0.517	0.84	70	1.13	99	0.037	100.7	11.6	-0.75	549	406	306	490	492	3218	448.7	334	72	43	68	-0.067	776
1043	20	10.368	0.520	0.85	72	1.07	106	0.037	100.9	10.2	-1.47	629	413	322	467	474	3218	461.1	407	75	45	68	-0.053	1039
1053	30	15.558	0.519	0.84	73	1.13	111	0.037	100.5	8.5	-1.68	733	412	332	498	486	3218	492.2	440	77	44	68	-0.051	1097
1103	40	20.743	0.519	0.84	75	1.14	111	0.037	100.2	6.8	-1.64	767	363	233	553	527	3218	488.6	427	79	44	68	-0.050	1118
1113	50	25.945	0.520	0.84	76	1.12	111	0.037	100.3	5.2	-1.61	789	336	249	589	566	3218	505.9	425	79	45	66	-0.051	1125
1123	60	31.155	0.521	0.84	77	1.12	109	0.037	100.4	4.0	-1.26	791	327	265	616	597	3218	519.0	414	80	45	69	-0.055	1140
1133	70	36.370	0.522	0.84	78	1.12	107	0.037	100.4	3.0	-0.98	771	324	443	634	633	3216	561.2	395	80	45	69	-0.060	1073
1143	80	41.586	0.522	0.84	79	1.10	104	0.037	100.3	2.2	-0.74	726	325	498	658	641	3218	569.6	372	79	45	70	-0.063	995
1153	90	46.811	0.522	0.84	79	1.11	101	0.037	100.4	1.7	-0.52	678	329	498	659	634	3218	556.5	351	79	45	69	-0.066	912
1203	100	52.042	0.523	0.84	79	1.20	99	0.037	100.5	1.4	-0.32	632	331	445	635	618	3218	532.3	330	78	45	69	-0.072	850
1213	110	57.279	0.524	0.85	79	1.12	97	0.037	100.6	1.1	-0.28	591	334	362	604	610	3218	500.2	319	78	45	68	-0.075	837
1223	120	62.516	0.524	0.85	80	1.12	96	0.037	100.6	0.9	-0.27	569	335	287	584	596	3218	474.2	315	77	45	68	-0.076	828
1233	130	67.753	0.524	0.84	79	1.10	95	0.037	100.6	0.6	-0.29	550	335	269	568	581	3218	460.7	310	77	45	68	-0.077	805
1243	140	72.988	0.523	0.84	79	1.10	95	0.037	100.6	0.3	-0.24	535	333	258	552	564	3218	448.4	306	77	45	69	-0.078	780
1253	150	78.223	0.524	0.85	79	1.14	94	0.037	100.6	0.1	-0.18	521	331	235	544	547	3218	435.7	302	77	45	68	-0.079	775
1303	160	83.460	0.524	0.84	79	1.13	94	0.037	100.7	0.0	-0.13	508	331	222	529	531	3218	424.1	297	76	45	67	-0.079	757
AVG	NA	NA	0.522	0.843	76.647	1.057	101.647	0.037	100.519	NA	NA	641.647	349.059	321.765	574.471	568.941	3218.000	NA	356.353	76.824	45.941	68.294	-0.066	921.059

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Signature/Date: 11/15/13