

Furnace B Modified Method 5G Meter Box Data for Run 1
Date: 13 June 1995

E12

Elapsed Time Min.	Weight Remain Lb	Flue Gas Temp °F	Tunnel Temp °F	DGM #1 Read ft³	ROTO 1 Read	DGM Temp Inlet °F	DGM Temp Outlet °F	Filter Temp °F	DGM #2 Read ft³	ROTO 2 Read	DGM Temp Inlet °F	DGM Temp Outlet °F	Filter Temp °F	Tunnel Velocity ΔP in.H ₂ O	Draft in.H ₂ O	Water temperature inlet °F	Water temperature outlet °F
0	125.34	115.	88	567.5	30	81	81	77	944.6	30	77	80	78	.267	.025	174	179
10	118.00	150.	94	568.0	30	83	82	79	945.1	30	81	80	80	.264	.023	179	185
20	117.50	125	90	568.5	30	83	82	78	945.7	30	82	81	79	.269	.019	177	182
30	117.00	119	90	569.0	30	85	83	79	946.2	30	82	81	79	.265	.018	176	181
40	116.5	116	88	569.5	30	84	83	79	946.7	30	82	81	79	.265	.015	174	179
50	115.5	179	99	570.1	30	85	84	79	947.2	30	82	82	80	.265	.040	173	178
60	104.5	154	94	570.6	30	85	84	79	947.7	30	83	82	79	.268	.029	180	186
70	103.5	133	91	571.1	30	86	85	78	948.2	30	84	83	79	.268	.025	179	184
80	103.0	124	82	571.7	30	86	85	78	948.7	30	85	83	79	.272	.020	177	182
90	102.5	119	90	572.2	30	87	86	79	949.2	30	85	84	79	.268	.019	176	181
100	102.0	117	89	572.7	30	87	86	79	949.7	30	85	84	79	.269	.018	175	180
110	101.5	115	81	573.7	30	87	86	78	950.2	30	85	84	79	.268	.017	174	178
120	94.0	290	81	573.2	30	88	87	81	950.7	30	86	85	81	.264	.032	180	185
130	92.0	138	91	574.2	30	88	87	74	951.2	30	86	85	74	.266	.025	180	185
140	91.5	129	90	574.7	30	89	88	79	951.7	30	87	86	80	.265	.030	179	184
150	91.0	122	90	575.2	30	89	88	74	952.2	30	87	86	80	.270	.020	178	183
160	90.5	119	90	575.2	30	89	88	79	952.7	30	87	86	80	.265	.018	176	182
170	90.0	116	90	576.2	30	89	89	79	953.2	30	87	86	80	.268	.015	176	180
180	90.0	115	90	576.2	30	90	80	80	953.7	30	87	86	80	.265	.015	175	180
190	89.5	134	94	577.2	30	89	80	80	954.2	30	87	87	80	.265	.022	173	178
200	82.5	149	99	577.7	30	90	80	80	954.7	30	88	87	80	.263	.030	180	186
210	81.0	135	91	578.0	30	89	89	80	955.0	30	88	87	80	.265	.025	180	185
220	80.5	128	91	578.5	30	91	90	80	955.5	30	88	88	81	.260	.020	179	184
230	80.0	121	90	579.0	30	90	90	80	956.0	30	88	87	80	.263	.020	178	183
240	79.5	117	90	579.6	30	91	90	81	956.6	30	88	87	80	.260	.020	178	182
250	79.5	114	89	580.0	30	91	90	80	957.1	30	88	88	81	.263	.015	176	181
260	79.0	112	89	580.7	30	90	90	80	957.6	30	88	87	80	.265	.015	175	180
270	79.0	111	89	581.3	30	90	90	80	958.2	30	88	87	80	.265	.015	174	179
280	78.5	170	97	581.9	30	91	90	80	958.7	30	88	87	80	.260	.025	173	178
290	72.0	159	94	582.4	30	90	90	81	959.2	30	88	87	81	.263	.028	180	186
300	71.5	130	90	582.9	30	91	90	81	959.6	30	88	88	81	.265	.023	180	186
310	71.0	123	89	583.5	30	91	90	80	960.1	30	89	88	80	.265	.030	179	185
320	70.5	118	89	584.1	30	91	90	80	960.6	30	89	88	80	.265	.018	178	183
330	70.5	114	89	584.6	30	91	91	81	961.1	30	89	88	81	.265	.015	177	183
340	70.0	111	88	585.2	30	91	91	80	961.6	30	89	88	81	.263	.015	176	181
350	70.0	110	88	585.8	30	91	90	80	962.2	30	89	88	80	.265	.015	175	180
360	69.5	109	87	586.3	30	91	90	80	962.7	30	88	88	80	.265	.013	174	179
370	68.5	223	104	586.9	30	91	90	81	963.3	30	89	88	81	.260	.040	173	178
380	64.5	137	90	587.4	30	91	90	82	963.8	30	89	88	82	.268	.020	180	186
390	64.5	123	88	588.0	30	91	91	82	964.4	30	89	88	82	.268	.020	179	185
400	64.0	117	87	588.6	30	92	91	83	964.9	30	90	89	83	.265	.020	178	183
410	63.5	113	87	589.2	30	92	91	83	965.5	30	90	89	83	.265	.018	176	182

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420	63.5	110	87	589.8	30	92	92	83	966.1	30	90	89	83	.265	.015	176	181
430	63.5	109	86	590.4	30	92	92	84	966.6	30	90	90	83	.265	.015	175	180
440	63.0	108	86	591.1	30	93	92	84	967.3	30	91	90	84	.265	.015	174	179
450	63.0	107	86	591.6	30	93	92	84	967.9	30	91	90	84	.265	.015	173	178
460	67.5	231	104	592.1	20	93	92	84	968.3	20	91	90	84	.260	.050	173	178
470	67.5	130	88	592.2	30	93	93	82	968.5	30	91	90	84	.265	.020	179	185
480	58.5	119	87	592.7	30	93	93	84	969.0	30	91	90	83	.267	.018	178	184
490	58.5	115	87	593.3	30	93	93	85	969.5	30	91	90	84	.267	.017	177	182
500	58.0	111	86	593.8	30	93	92	86	970.0	30	91	90	84	.267	.016	176	181
510	58.0	109	86	594.4	30	93	93	85	970.5	30	91	90	84	.267	.015	175	180
520	57.5	108	86	594.9	30	93	93	86	971.1	30	91	90	84	.268	.015	174	179
530	57.5	107	85	595.4	30	93	93	85	971.6	30	91	90	84	.267	.014	173	178
540	56.5	251	107	596.0	30	93	93	86	972.1	30	91	90	85	.261	.050	173	179
550	54.0	130	87	596.5	30	93	93	85	972.6	30	91	91	85	.270	.021	179	185
560	53.5	116	86	597.0	30	93	93	85	973.2	30	91	91	85	.268	.019	178	184
570	53.5	112	86	597.5	30	93	93	85	973.7	30	91	91	85	.269	.017	177	183
580	53.5	109	85	598.1	30	93	93	85	974.2	30	91	91	84	.268	.016	176	181
590	53.5	107	85	598.6	30	93	93	85	974.7	30	91	90	84	.267	.015	175	180
600	53.0	107	85	599.2	30	93	93	85	975.3	30	91	91	84	.270	.015	174	179
610	53.0	106	84	599.7	30	93	93	85	975.8	30	91	90	84	.271	.014	173	178
620	51.0	299	116	600.2	30	93	93	85	976.3	30	91	91	85	.263	.042	176	181
630	50.0	122	86	600.7	30	93	93	85	976.8	30	91	91	84	.270	.020	178	184
640	50.0	113	85	601.3	30	93	93	85	977.3	30	91	90	84	.270	.018	177	183
650	50.0	110	85	601.8	30	93	93	85	977.9	30	91	90	84	.269	.015	176	182
660	50.0	108	84	602.3	30	93	93	84	978.3	30	91	91	84	.270	.015	175	181
670	49.5	108	84	602.8	30	93	93	84	978.8	20	91	91	83	.270	.015	174	180
680	49.5	107	84	603.4	30	94	93	84	979.4	30	91	91	83	.268	.014	174	179
690	49.0	137	89	603.9	30	93	92	83	979.9	30	91	91	83	.266	.022	173	178
700	47.0	158	88	604.4	30	93	93	82	980.4	30	91	90	83	.268	.021	179	184
710	46.5	115	84	605.0	30	91	92	82	980.9	30	89	90	82	.270	.017	178	184
720	46.5	110	84	605.5	30	89	90	83	981.4	30	89	88	82	.269	.016	177	182
730	46.0	108	83	606.1	30	87	89	82	982.0	30	88	88	82	.269	.015	176	181
740	46.0	107	83	606.6	30	85	87	81	982.5	30	86	87	82	.270	.014	175	181
750	46.0	106	83	607.2	30	85	86	81	983.0	30	85	86	82	.270	.013	174	180
760	46.0	106	83	607.7	30	84	85	80	983.6	30	84	85	81	.270	.012	174	178
770	44.0	275	110	608.2	30	83	84	80	984.1	30	83	84	82	.263	.043	177	182
780	43.5	119	84	608.8	30	82	83	80	984.6	30	83	83	81	.220	.016	179	184
790	43.0	111	84	609.3	30	82	83	80	985.2	30	82	83	81	.279	.014	177	183
800	43.0	108	83	609.9	30	82	82	80	985.7	30	83	83	81	.271	.012	177	182
810	43.0	106	83	610.4	30	82	82	80	986.2	30	82	83	80	.272	.011	175	181
820	43.0	106	83	611.0	30	81	81	79	986.8	30	82	82	80	.272	.011	175	180
830	43.0	125	86	611.5	30	81	81	79	987.3	30	82	82	80	.270	.019	173	179

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840	40.5	333	110	612.1	30	81	81	79	987.8	30	82	82	80	.270	.023	179	185
850	40.0	120	84	612.6	30	81	81	79	988.3	30	82	82	80	.270	.014	179	185
860	40.0	111	83	613.2	30	80	81	79	988.9	30	82	81	80	.270	.014	178	184
870	40.0	108	83	613.7	30	81	81	79	989.4	30	81	81	79	.271	.011	177	182
880	40.0	107	83	614.3	30	81	81	78	989.9	30	81	81	79	.270	.011	176	181
890	40.0	106	82	614.8	30	80	80	78	990.5	30	81	81	78	.272	.011	175	180
900	39.5	104	82	615.4	30	80	80	78	991.0	30	81	81	78	.272	.011	173	179
910	38.5	245	103	615.9	30	80	80	78	991.5	30	81	81	79	.267	.034	174	180
920	37.0	132	85	616.4	30	80	80	78	992.0	30	81	81	79	.272	.017	179	185
930	36.5	114	83	617.0	30	80	80	78	992.6	30	81	81	79	.271	.014	178	184
940	36.5	108	82	617.5	30	80	80	78	993.1	30	81	81	78	.272	.012	176	182
950	36.5	106	82	618.1	30	80	80	78	993.6	30	81	81	78	.273	.011	176	182
960	36.5	105	82	618.6	30	80	80	78	994.2	30	81	81	78	.270	.011	175	180
970	36.0	105	82	619.2	30	80	80	78	954.7	30	81	81	78	.275	.011	174	180
980	36.5	200	94	619.7	30	81	80	78	995.2	30	81	81	78	.270	.029	173	179
990	33.0	195	84	620.3	30	80	80	78	995.7	30	80	80	73	.272	.021	179	185
1000	33.0	119	84	620.8	30	82	81	77	996.3	30	81	81	78	.274	.016	180	185
1010	32.5	111	83	621.4	30	82	81	76	996.8	30	81	81	77	.274	.014	178	184
1020	32.5	108	83	621.9	30	83	82	77	997.3	30	82	81	77	.275	.013	178	183
1030	32.0	106	82	622.4	30	84	83	76	997.8	30	82	82	77	.275	.012	176	182
1040	32.0	105	83	623.0	30	84	83	77	998.4	30	83	82	77	.275	.012	175	181
1050	31.5	104	82	623.5	30	85	84	77	998.9	30	83	82	77	.275	.012	175	180
1060	30.5	203	96	624.1	30	85	85	77	999.4	30	83	83	78	.272	.030	175	180
1070	28.0	146	86	624.6	30	86	85	78	1000.0	30	83	83	78	.274	.020	180	186
1080	27.5	116	83	625.2	30	86	86	78	1000.5	30	83	83	78	.275	.019	180	185
1090	27.5	110	82	625.7	30	87	86	77	1001.0	30	86	85	77	.277	.015	178	184
1100	27.5	106	82	626.2	30	88	87	77	1001.5	30	87	86	77	.274	.015	178	183
1110	27.5	104	86	626.7	30	89	88	78	1002.1	30	89	87	77	.273	.015	177	182
1120	27.5	104	83	627.3	30	89	88	78	1002.6	30	89	88	77	.272	.014	174	181
1130	27.0	104	83	627.8	30	90	89	77	1003.1	30	90	88	77	.270	.013	175	180
1140	26.5	194	95	628.3	30	87	88	78	1003.6	30	87	88	77	.267	.030	173	179
1150	24.0	151	87	628.8	30	84	86	79	1004.1	30	85	86	77	.271	.020	179	186
1160	24.0	116	84	629.3	30	83	83	77	1004.6	30	84	85	78	.268	.015	179	185
1170	24.0	110	84	629.8	30	82	83	78	1005.1	30	83	84	78	.274	.015	178	183
1180	23.5	108	84	630.3	30	82	82	78	1005.6	30	82	83	78	.269	.013	177	182
1190	23.5	107	84	630.8	30	81	81	78	1006.1	30	82	83	78	.273	.011	176	181
1200	23.5	106	84	631.3	30	81	81	77	1006.6	30	82	82	77	.276	.011	175	180
1210	23.0	106	84	631.8	30	80	81	77	1007.1	30	81	82	77	.272	.010	175	180
1220	23.0	154	91	632.3	30	80	80	77	1007.6	30	81	81	77	.267	.019	173	178
1230	20.5	278	102	652.8	30	80	80	77	1008.1	30	81	81	78	.270	.022	179	184
1240	20.5	121	86	633.3	30	80	80	77	1008.6	30	81	81	77	.270	.015	179	185
1250	20.0	113	86	633.8	30	80	80	77	1009.1	30	81	81	77	.271	.014	178	183

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1260	20.0	110	86	634.3	30	80	80	76	1009.6	30	81	81	76	.268	.013	177	182
1270	19.5	108	85	634.8	30	80	80	75	1010.1	30	81	81	76	.272	.011	176	181
1280	19.5	107	86	635.3	30	80	80	76	1010.6	30	81	81	76	.270	.011	175	180
1290	19.5	108	86	635.8	30	80	80	75	1011.1	30	81	81	76	.270	.011	174	179
1300	19.0	162	93	636.3	30	80	80	76	1011.6	30	81	81	76	.267	.023	173	178
1310	17.0	188	92	636.8	30	80	80	76	1012.1	30	81	81	76	.267	.020	179	185
1320	16.5	117	87	637.3	30	80	80	75	1012.6	30	81	81	76	.269	.015	179	184
1330	16.5	113	87	637.8	30	81	80	75	1013.1	30	81	81	76	.269	.013	177	183
1340	16.0	111	88	638.3	30	82	81	77	1013.6	30	82	82	77	.269	.012	177	182
1350	16.0	110	87	638.8	30	83	82	77	1014.1	30	83	82	77	.268	.011	176	182
1360	16.0	109	87	639.3	30	83	82	77	1014.6	30	83	82	77	.267	.011	175	180
1370	16.0	109	87	639.8	30	85	84	77	1015.1	30	84	83	77	.270	.010	175	180
1380	15.58	184	97	640.3	30	85	84	77	1015.6	30	84	83	78	.268	.025	174	179
1390	13.50	211	95	640.8	30	85	84	77	1016.1	30	84	83	78	.269	.021	179	185
1400	13.50	122	89	641.3	30	86	85	78	1016.6	30	85	84	78	.268	.015	179	185
1410	13.00	114	89	641.8	30	86	85	78	1017.1	30	84	84	78	.269	.014	178	184
1420	13.00	112	88	642.3	30	85	85	78	1017.6	30	84	83	78	.269	.014	177	183
1430	13.00	111	89	642.8	30	86	85	78	1018.1	30	84	83	78	.270	.012	176	182
1440	13.00	110	88	643.3	30	84	84	78	1018.6	30	84	83	78	.268	.011	175	180
1450	12.50	109	87	643.8	30	83	83	78	1019.1	30	83	83	78	.269	.010	174	179
1460	12.50	155	93	644.3	30	83	83	78	1019.6	30	83	83	78	.267	.019	173	178
1470	11.00	237	108	644.8	30	83	83	78	1020.1	30	83	83	79	.262	.031	175	180
1480	10.00	132	90	645.3	30	83	82	78	1020.6	30	83	83	79	.268	.016	179	184
1490	09.50	117	90	645.8	30	83	82	78	1021.1	30	83	83	79	.270	.014	178	183
1500	09.50	113	89	646.3	30	82	82	78	1021.6	30	82	82	79	.266	.013	177	182
1510	09.50	111	89	646.8	30	82	82	77	1022.1	30	82	82	78	.266	.011	176	181
1520	09.50	110	90	647.3	30	82	82	78	1022.6	30	83	82	78	.269	.010	175	180
1530	09.40	110	90	647.8	30	82	82	77	1023.1	30	82	82	78	.269	.010	174	179
1540	09.50	117	91	648.3	30	82	82	77	1023.6	30	82	82	78	.266	.015	173	178
1550	08.00	201	102	648.8	30	82	82	77	1024.1	30	82	82	78	.268	.025	174	179
1560	07.00	175	95	649.3	30	82	82	77	1024.6	30	82	82	78	.269	.019	178	184
1570	06.50	120	91	649.8	30	82	82	77	1025.1	30	82	82	78	.266	.015	179	183
1580	06.50	114	91	650.3	30	82	82	78	1025.6	30	82	82	78	.268	.013	177	182
1590	06.50	113	91	650.8	30	82	82	77	1026.1	30	82	82	78	.274	.011	177	181
1600	06.50	112	91	651.3	30	82	82	78	1026.6	30	82	82	78	.270	.010	176	181
1610	06.50	111	91	651.8	30	82	82	78	1027.1	30	82	82	78	.266	.010	175	180
1620	06.50	110	91	652.3	30	82	82	78	1027.6	30	82	82	78	.269	.011	174	179
1630	06.00	175	99	652.8	30	82	82	78	1028.1	30	83	83	79	.265	.020	173	178
1640	05.00	213	105	653.3	30	82	82	78	1028.6	30	83	82	79	.364	.025	175	181
1650	04.00	136	93	653.8	30	82	82	78	1029.1	30	83	83	79	.268	.014	179	184
1660	04.00	118	92	654.3	30	82	82	78	1029.6	30	83	82	79	.271	.013	178	183
1670	04.00	114	91	654.8	30	82	82	78	1030.1	30	83	83	79	.271	.011	177	182

Furnace B Modified Method 5G Meter Box Data for Run 1
Date: 13 June 1995

Elapsed Time Min.	Weight Remain Lb	Flue Gas Temp °F	Tunnel Temp °F	DGM #1 Read ft³	ROTO 1 Read	DGM Temp Inlet °F	DGM Temp Outlet °F	Filter Temp °F	DGM #2 Read ft³	ROTO 2 Read	DGM Temp Inlet °F	DGM Temp Outlet °F	Filter Temp °F	Tunnel Velocity ΔP in.H ₂ O	Draft in.H ₂ O	Water temperature inlet °F	Water temperature outlet °F
1680	04.00	112	91	655.3	30	82	82	78	1030.6	30	83	83	79	.368	.011	176	181
1690	04.00	111	90	655.8	30	82	82	78	1031.1	30	83	82	79	.270	.011	175	180
1700	03.50	110	90	656.3	30	82	82	78	1031.6	30	83	83	79	.270	.011	174	179
1710	03.50	158	96	656.8	30	82	83	78	1032.1	30	83	83	79	.268	.016	173	178
1720	03.00	184	100	657.3	30	82	82	78	1032.6	30	83	83	75	.270	.021	173	179
1730	02.00	207	104	657.8	30	83	83	78	1033.1	30	83	83	80	.267	.026	176	181
1740	01.00	175	95	658.3	30	83	83	78	1033.6	30	83	83	79	.269	.019	179	184
1750	01.00	122	91	658.8	30	83	83	79	1034.1	30	83	83	79	.271	.014	179	184
1760	01.00	115	90	659.3	30	83	83	79	1034.6	30	83	83	79	.270	.012	178	183
1770	01.00	110	90	659.8	30	83	83	78	1035.2	30	83	83	79	.270	.011	177	182
1780	01.00	111	90	660.3	30	83	83	78	1035.7	30	83	83	79	.271	.011	176	181
1790	01.00	110	89	660.8	30	83	82	78	1036.3	30	83	83	79	.271	.010	175	180
1800	00.50	109	89	661.3	30	82	82	78	1036.7	30	83	83	79	.270	.010	174	178
1810	00.00	261	100	661.8	30	83	83	78	1037.2	30	83	83	78	.270	.019	173	179