

Furnace B Modified Method 5G Meter Box Data for Run 4  
Date: 21 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 <sub>2</sub> O	Draft in.H <sub>2</sub> O	Water Inlet °F	Temperature Outlet °F
0	136.86	133	91	806.0	30	78	78	74	179.1	30	78	78	76	.262	.015	170	179
10	127.00	221	100	806.6	30	78	78	79	179.6	30	78	78	79	.257	.026	173	183
20	126.50	136	92	806.1	30	77	78	77	180.2	30	77	78	77	.258	.020	171	181
30	126.50	128	91	807.6	30	76	77	76	180.7	30	77	77	76	.259	.016	169	178
40	119.50	304	134	808.2	30	75	76	85	181.2	30	76	77	85	.248	.048	168	180
50	113.50	150	93	808.7	30	75	76	78	181.7	30	76	76	78	.257	.023	171	182
60	113.00	136	92	809.2	30	76	76	77	182.2	30	76	76	77	.258	.020	168	178
70	109.50	292	127	809.8	30	77	76	80	182.8	30	77	77	81	.248	.049	167	179
80	102.00	153	94	810.3	30	78	77	77	183.3	30	78	77	77	.261	.025	172	183
90	101.00	138	93	810.8	30	79	78	76	183.8	30	78	78	76	.251	.021	169	180
100	100.50	148	99	811.4	30	77	78	77	184.3	30	78	78	78	.252	.025	168	178
110	092.00	216	102	811.9	30	76	77	78	184.9	30	78	78	79	.255	.029	173	184
120	090.50	146	93	812.4	30	76	77	76	185.4	30	78	78	77	.258	.020	171	182
130	090.00	135	43	813.0	30	76	77	76	185.9	30	78	78	77	.260	.020	170	180
140	089.00	165	100	813.5	30	76	77	77	186.5	30	78	78	78	.258	.024	167	177
150	083.50	164	96	814.0	30	76	76	77	187.0	30	78	78	78	.255	.024	173	184
160	082.50	140	93	814.6	30	76	76	77	187.5	30	78	78	78	.257	.020	171	181
170	082.00	130	43	815.1	30	76	77	78	188.0	30	78	79	78	.256	.019	169	179
180	081.00	188	102	815.7	30	76	77	78	188.5	30	78	78	78	.254	.024	167	177
190	077.50	160	96	816.2	30	76	76	78	189.0	30	78	78	78	.258	.020	173	183
200	077.00	134	94	816.8	30	76	76	78	189.6	30	78	78	78	.258	.018	170	180
210	076.50	126	93	817.3	30	76	77	78	190.1	30	78	79	78	.257	.016	168	178
220	075.50	222	107	817.9	30	77	77	78	190.6	30	79	79	78	.256	.029	167	177
230	073.00	156	96	818.4	30	77	77	79	191.1	30	79	79	79	.259	.030	172	183
240	072.50	133	94	819.0	30	77	77	79	191.7	30	79	79	79	.260	.016	170	180
250	072.00	126	94	819.5	30	77	77	79	192.2	30	79	79	79	.263	.015	168	178
260	070.50	260	113	820.0	30	77	77	79	192.7	30	79	79	79	.259	.034	168	179
270	068.00	146	96	820.6	30	77	77	79	193.3	30	79	79	80	.258	.019	172	183
280	067.50	132	95	821.2	30	77	77	79	193.8	30	79	80	79	.262	.016	169	180
290	067.50	126	94	821.7	30	77	77	79	194.3	30	79	80	79	.259	.015	167	177
300	064.50	311	112	822.3	30	77	78	80	194.9	30	80	80	81	.257	.022	173	183
310	064.00	138	96	822.9	30	77	78	79	195.5	30	80	80	80	.261	.018	171	182
320	063.50	129	95	823.4	30	81	79	80	196.0	30	81	80	81	.260	.015	169	179
330	063.00	163	101	823.9	30	82	81	81	196.5	30	82	81	81	.257	.020	167	177
340	060.00	212	102	824.5	30	83	82	81	197.1	30	82	81	82	.264	.022	173	184
350	059.50	136	96	825.0	30	84	83	82	197.6	30	83	82	83	.260	.019	171	181
360	050.00	128	96	825.6	30	85	84	82	198.1	30	84	83	83	.261	.016	169	179
370	058.50	166	101	826.1	30	81	83	81	198.6	30	82	83	82	.260	.021	167	177
380	055.50	207	102	826.7	30	80	82	81	199.1	30	81	82	82	.257	.022	173	184
390	054.50	137	97	827.3	30	80	81	82	199.7	30	81	82	82	.267	.019	171	181
400	054.50	128	96	827.8	30	79	80	82	200.2	30	81	81	82	.260	.015	169	179
410	054.00	160	102	825.3	30	79	79	82	200.8	30	80	81	82	.256	.020	167	177

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420	051.50	300	125	828.9	30	80	80	83	201.3	30	81	81	83	.255	.042	179	180
430	050.50	143	98	829.5	30	82	81	84	201.8	30	82	82	82	.259	.020	172	182
440	050.00	130	97	830.0	30	81	81	83	202.3	30	82	82	82	.257	.016	179	180
450	050.0	125	97	830.5	30	84	82	83	202.8	30	84	83	83	.258	.015	169	178
460	049.00	221	110	831.1	30	86	84	84	203.3	30	84	83	83	.255	.030	168	176
470	046.50	191	102	831.6	30	85	84	84	203.9	30	84	84	83	.260	.025	174	183
480	046.00	132	98	832.2	30	86	85	84	204.4	30	85	84	83	.255	.018	172	181
490	046.0	129	98	832.7	30	87	85	84	204.9	30	85	84	83	.255	.016	171	179
500	046.0	124	98	833.2	30	88	86	84	205.5	30	86	85	83	.255	.015	168	178
510	045.0	235	113	833.8	30	86	86	85	206.0	30	85	85	84	.252	.035	168	176
520	042.0	231	107	834.3	30	85	86	85	206.5	30	85	85	85	.250	.025	173	182
530	041.5	140	100	834.9	30	82	84	84	207.0	30	83	84	84	.256	.020	171	181
540	041.5	130	99	835.4	30	84	83	84	207.6	30	84	84	84	.260	.018	170	180
550	041.0	126	99	836.0	30	83	83	84	208.1	30	83	84	84	.260	.015	169	178
560	040.5	206	109	836.5	30	82	83	84	208.6	30	83	83	84	.245	.028	167	176
570	037.0	321	134	837.1	30	82	83	85	209.2	30	84	84	86	.243	.048	172	181
580	035.0	150	100	837.6	30	83	83	84	209.7	30	85	84	85	.250	.020	173	183
590	035.0	135	100	838.2	30	83	83	84	210.2	30	85	84	84	.250	.018	172	181
600	034.5	122	99	838.7	30	83	83	83	210.7	30	85	85	84	.250	.015	170	179
610	034.5	123	98	839.3	30	83	83	83	211.3	30	85	85	84	.250	.015	168	177
620	033.5	251	117	839.8	30	83	83	84	211.8	30	85	85	85	.248	.033	167	177
630	030.0	184	103	840.4	30	83	83	84	212.4	30	85	85	85	.248	.023	174	184
640	030.0	139	99	840.9	30	83	83	83	212.9	30	85	85	85	.255	.020	171	182
650	029.5	129	99	841.5	30	83	83	83	213.4	30	85	85	84	.253	.015	170	180
660	029.5	124	98	842.0	30	83	83	83	213.9	30	85	85	84	.250	.015	168	178
670	029.0	218	111	842.5	30	83	83	83	214.5	30	85	85	84	.250	.029	167	176
680	026.0	360	142	843.1	30	82	83	84	215.0	30	84	84	85	.248	.030	172	182
690	025.0	146	100	843.6	30	82	83	83	215.5	30	84	84	84	.252	.020	172	183
700	024.5	132	98	844.2	30	82	83	83	216.0	30	84	84	84	.250	.018	171	180
710	024.5	125	97	844.7	30	82	82	83	216.6	30	83	84	84	.252	.015	169	179
720	024.5	122	97	845.3	30	82	83	83	217.1	30	84	84	84	.253	.013	167	177
730	023.0	255	116	845.8	30	83	83	84	217.6	30	84	84	84	.248	.035	167	176
740	021.0	184	101	846.4	30	82	83	84	218.2	30	84	84	84	.250	.023	173	183
750	020.5	136	97	846.9	30	82	83	83	218.7	30	84	84	84	.253	.018	171	182
760	020.5	127	96	847.5	30	83	83	83	219.2	30	83	84	83	.253	.015	170	180
770	020.5	122	95	848.0	30	83	83	83	219.7	30	84	84	84	.250	.013	168	178
780	020.5	194	105	848.5	30	83	83	83	220.3	30	84	84	84	.250	.025	166	176
790	019.0	300	125	949.1	30	83	83	84	220.8	30	84	84	85	.245	.033	169	179
800	017.0	163	99	849.7	30	82	83	84	221.4	30	84	84	84	.253	.021	173	183
810	016.5	133	97	850.2	30	83	83	84	221.9	30	84	84	84	.253	.017	173	182
820	016.5	126	96	850.8	30	82	83	83	222.4	30	84	84	84	.254	.015	171	180
830	016.5	122	95	851.3	30	82	83	83	222.9	30	84	84	84	.255	.012	169	178

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840	016.5	173	102	851.8	30	82	83	83	223.5	30	84	84	84	.252	.020	167	176
850	015.0	272	118	852.4	30	82	82	83	224.0	30	83	83	84	.249	.031	167	177
860	012.5	177	99	852.9	30	82	82	84	224.5	30	83	83	84	.253	.024	173	184
870	012.5	135	96	853.4	30	82	82	83	225.1	30	83	84	83	.256	.017	173	182
880	012.0	128	95	854.0	30	82	82	82	225.6	30	83	83	83	.256	.014	171	180
890	012.0	122	94	854.5	30	82	82	82	226.1	30	83	83	83	.262	.014	168	179
900	011.5	178	101	855.0	30	84	83	82	226.6	30	84	82	82	.261	.022	166	176
910	010.0	283	119	855.5	30	85	84	83	227.1	30	85	84	83	.257	.039	167	178
920	008.5	180	98	856.1	30	87	85	83	227.7	30	86	85	84	.262	.032	173	183
930	008.0	135	95	856.6	30	88	87	84	228.2	30	88	87	84	.259	.018	172	182
940	008.0	125	94	857.2	30	88	86	82	228.7	30	87	86	83	.259	.016	169	180
950	008.0	120	93	857.7	30	84	85	82	229.3	30	84	85	82	.261	.014	167	177
960	007.5	239	110	858.2	30	82	83	82	229.8	30	83	84	82	.256	.042	166	177
970	005.5	301	124	858.8	30	82	82	83	230.3	30	83	83	82	.255	.040	169	180
980	004.5	152	95	859.3	30	81	82	82	230.8	30	82	83	82	.261	.020	172	183
990	004.5	130	93	859.8	30	81	81	82	231.4	30	82	83	82	.260	.016	170	181
1000	004.5	123	93	860.4	30	80	81	82	231.9	30	82	82	82	.265	.015	168	179
1010	004.0	205	104	860.9	30	81	81	82	232.4	30	82	82	82	.260	.028	166	176
1020	002.5	294	120	861.4	30	80	81	82	232.9	30	82	82	83	.258	.040	168	179
1030	001.0	177	96	862.0	30	80	80	82	233.5	30	81	82	82	.260	.021	172	183
1040	001.0	132	93	862.5	30	81	81	82	234.0	30	82	82	81	.262	.016	170	181
1050	001.0	123	92	863.0	30	81	81	81	234.5	30	82	82	81	.261	.015	169	179
1060	000.5	177	100	863.6	30	82	81	81	235.0	30	82	82	81	.259	.023	166	177
1063	000.0	213	105	863.7	30	81	80	81	235.2	30	82	81	80	.255	.029	166	176