

Furnace B Modified Method 5G Meter Box Data for Run 2
Date: 15 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 Inlet °F	Temperature Outlet °F
0	132.81	112	87	661.9	30	82	81	76	37.3	30	80	80	78	.261	.013	173	182
10	131.5	154	95	662.4	30	82	82	76	37.8	30	80	80	78	.258	.022	170	178
20	115.00	213	101	662.9	30	83	82	77	38.3	30	81	80	82	.260	.031	176	185
30	114.50	137	90	663.5	30	83	82	77	38.8	30	81	80	78	.260	.024	173	182
40	114.0	127	89	664.0	30	83	83	77	39.3	30	82	81	77	.264	.020	171	180
50	111.5	272	121	664.5	30	84	83	77	39.8	30	83	82	81	.253	.051	170	179
60	97.0	162	94	665.0	30	85	84	78	40.3	30	84	82	80	.260	.030	177	187
70	96.0	142	90	665.5	30	85	84	77	40.8	30	84	82	78	.261	.026	174	184
80	95.0	133	90	666.0	30	85	84	77	41.3	30	84	83	78	.263	.023	172	181
90	94.5	167	97	666.5	30	85	85	78	41.8	30	84	83	78	.258	.027	168	177
100	81.5	307	126	667.0	30	86	85	79	42.3	30	85	83	82	.248	.041	174	185
110	78.5	149	91	667.5	30	86	85	78	42.8	30	85	83	78	.260	.035	173	185
120	77.5	138	90	668.1	30	86	85	78	43.4	30	84	83	78	.260	.025	171	182
130	77.0	128	89	668.7	30	86	86	78	43.9	30	85	84	78	.262	.021	168	179
140	72.5	379	148	669.2	30	86	86	78	44.4	30	84	84	79	.248	.063	179	181
150	66.0	155	92	669.7	30	85	85	79	44.9	30	84	84	78	.263	.029	174	186
160	65.0	139	90	670.2	30	84	84	79	45.4	30	84	83	79	.259	.023	171	183
170	64.5	129	89	670.8	30	83	83	78	46.0	30	83	83	79	.260	.020	169	180
180	63.0	229	105	671.3	30	82	83	79	46.5	30	83	83	79	.257	.039	167	177
190	57.5	157	92	671.8	30	82	83	85	47.0	30	82	83	89	.260	.025	174	186
200	56.5	134	89	672.4	30	83	83	80	47.6	30	83	83	90	.263	.020	172	183
210	56.5	125	89	672.9	30	82	82	78	48.1	30	83	82	89	.264	.019	171	181
220	56.0	120	89	673.4	30	82	82	78	48.6	30	82	82	86	.265	.017	169	179
230	54.0	307	117	674.0	30	82	82	84	49.2	30	82	82	83	.255	.046	170	180
240	52.0	134	90	674.5	30	83	82	89	49.7	30	82	83	89	.260	.030	173	183
250	52.0	124	90	675.0	30	82	82	89	50.2	30	82	83	89	.264	.017	171	180
260	52.0	119	90	675.5	30	82	82	88	50.7	30	82	83	89	.260	.015	169	179
270	49.5	333	125	676.1	30	82	82	89	51.3	30	82	82	89	.257	.048	171	182
280	48.5	134	91	676.6	30	82	82	89	51.8	30	82	82	89	.264	.020	173	184
290	48.0	123	90	677.1	30	82	83	89	52.3	30	82	83	90	.261	.017	170	182
300	47.5	119	90	677.7	30	82	82	90	52.9	30	82	82	89	.263	.015	169	179
310	45.5	317	123	678.2	30	82	82	87	53.4	30	82	82	90	.260	.045	170	181
320	44.5	134	92	678.7	30	82	82	83	53.9	30	82	82	87	.261	.019	172	183
330	44.5	123	91	679.2	30	82	81	88	54.4	30	82	82	89	.261	.015	171	181
340	44.0	118	91	679.8	30	82	82	87	55.0	30	82	81	89	.259	.014	169	179
350	43.0	274	113	680.3	30	81	81	83	55.5	30	82	82	89	.256	.039	169	179
360	41.5	142	93	680.9	30	81	81	90	56.0	30	82	81	89	.262	.020	172	183
370	41.5	124	91	681.4	30	81	81	85	56.5	30	82	82	88	.261	.017	170	181
380	41.5	120	91	681.9	30	82	82	89	57.0	30	82	82	89	.260	.013	168	179
390	40.5	259	112	682.5	30	82	82	87	57.5	30	82	82	88	.257	.035	168	178
400	38.0	152	95	683.0	30	82	82	83	58.1	30	82	82	85	.250	.019	173	184
410	38.0	127	92	683.6	30	82	82	81	58.6	30	82	82	83	.260	.015	171	182

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420	38.0	120	92	684.1	30	82	82	80	59.1	30	82	82	81	.260	.013	169	180
430	37.5	180	100	684.7	30	82	82	79	59.7	30	82	82	80	.255	.025	168	178
440	35.0	285	119	685.2	30	82	82	80	60.2	30	82	82	90	.250	.038	170	181
450	34.0	138	93	685.7	30	82	82	90	60.7	30	82	82	90	.255	.020	172	183
460	33.5	124	92	686.3	30	82	82	90	61.2	30	82	82	90	.258	.015	170	181
470	33.5	120	91	686.8	30	82	82	89	61.8	30	82	82	89	.260	.013	169	179
480	32.5	217	105	687.3	30	82	82	89	62.3	30	82	82	89	.255	.028	167	178
490	30.0	248	102	687.9	30	82	82	90	62.8	30	82	82	90	.255	.025	173	185
500	29.0	134	92	688.4	30	82	82	90	63.2	30	82	82	90	.260	.018	173	184
510	28.5	125	92	688.9	30	82	82	90	63.7	30	82	82	90	.265	.015	171	182
520	28.5	120	91	689.4	30	82	82	89	64.2	30	82	82	90	.260	.013	169	180
530	28.0	185	100	690.0	30	82	82	85	64.8	30	82	82	87	.260	.025	167	178
540	25.0	344	133	690.5	30	82	82	90	65.3	30	82	82	90	.250	.033	171	182
550	23.5	138	93	691.1	30	82	82	90	65.8	30	82	82	90	.260	.020	173	184
560	23.0	126	81	691.6	30	82	82	89	66.3	30	83	83	90	.260	.015	171	182
570	23.0	120	91	692.1	30	83	83	89	66.8	30	83	82	90	.258	.015	169	180
580	22.5	222	105	692.7	30	82	82	90	67.3	30	82	82	90	.255	.030	167	178
590	20.0	270	104	693.2	30	82	82	90	67.8	30	83	82	90	.250	.023	173	183
600	20.0	132	92	693.2	30	82	82	81	67.9	30	82	82	79	.260	.015	172	183
610	19.5	122	91	693.7	30	82	82	81	68.3	30	82	82	79	.260	.015	170	181
620	19.5	118	90	684.2	30	82	82	80	68.9	30	82	82	78	.260	.013	168	179
630	18.0	265	113	694.7	30	82	82	80	69.3	30	82	82	78	.255	.038	168	178
640	16.0	170	95	695.3	30	82	82	79	69.8	30	82	82	79	.258	.020	173	184
650	16.0	128	90	695.8	30	82	82	79	70.3	30	83	82	78	.260	.015	172	183
660	15.5	121	90	696.3	30	82	82	78	70.8	30	83	82	78	.260	.015	170	181
670	15.5	117	89	696.8	30	82	82	78	71.3	30	82	83	78	.260	.020	168	179
680	14.5	269	113	697.4	30	82	82	79	71.8	30	83	83	79	.255	.038	168	179
690	12.0	189	95	698.0	30	82	82	79	72.4	30	83	83	79	.260	.020	173	184
700	11.5	129	90	698.5	30	82	82	79	73.0	30	82	83	79	.262	.016	172	183
710	11.5	120	89	699.1	30	82	82	79	73.5	30	82	82	75	.262	.014	170	181
720	11.5	117	88	699.6	30	82	83	79	74.0	30	83	82	79	.262	.010	168	179
730	10.5	266	112	700.2	30	82	82	80	74.5	30	82	82	79	.257	.040	167	178
740	08.5	218	98	700.7	30	82	83	81	70.0	30	83	82	79	.226	.026	173	184
750	08.0	130	90	701.2	30	82	83	80	75.5	30	82	82	79	.230	.016	172	183
760	08.0	120	88	701.7	30	82	82	80	76.0	30	83	82	79	.230	.012	169	180
770	08.0	143	98	702.3	30	82	83	81	76.6	30	82	82	79	.225	.030	166	178
780	06.0	302	122	708.8	30	82	83	81	77.1	30	82	82	79	.224	.043	169	180
790	04.5	149	90	703.4	30	82	82	80	77.6	30	82	82	79	.228	.017	173	184
800	04.5	125	88	705.9	30	83	82	80	78.1	30	82	82	79	.242	.015	171	182
810	04.5	118	87	704.4	30	82	83	80	78.6	30	82	82	79	.231	.013	169	180
820	04.5	203	100	705.0	30	82	83	80	79.2	30	82	82	79	.227	.028	167	178
830	02.5	294	121	705.5	30	82	83	82	79.6	30	83	83	80	.223	.041	170	181

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840	01.0	141	89	706.0	30	83	83	80	80.3	30	83	83	79	.229	.019	173	184
850	01.0	122	87	706.6	32	82	82	79	80.7	30	83	82	78	.229	.015	171	182
860	01.0	117	87	707.1	30	82	83	79	81.2	30	82	83	78	.230	.014	169	180
870	00.5	223	103	707.7	30	82	82	79	81.7	30	82	82	78	.225	.030	167	178
872	0	239	107	707.8	30	82	82	78	81.8	30	83	82	78	.225	.034	167	178