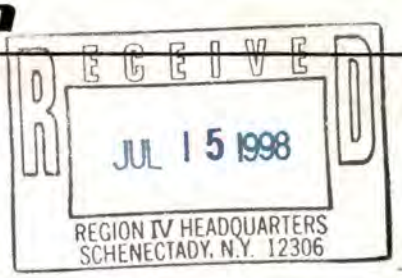
HW→ 1998.07.15 PST A

Norlite Corporation



July 15, 1998

Mr. Jeffrey Gregg
New York State Department of
Environmental Conservation
Division of Environmental Permits
Region 4
1150 N. Westcott Road
Schenectady, NY 12306

Re: Performance Specification Test (PST) Report.

Dear Mr. Gregg:

Please accept the enclosed information as additions to Norlite's annual Performance Specification Test Report completed during the month of March, 1998. This information should satisfy the departments concerns outlined in your letter of June 24, 1998 with the exception of No. 2, which has already been addressed per a telephone conversation between Mr. Mark Krizar of CEM Solutions and Mr. Parag Amin of NYSDEC on June 25, 1998.

If you have any questions or additional information is required please feel free to contact me at (518) 235-0401 Ext. 4049.

Sincerely,

NORLITE CORPORATION

Stan C. Milos

Stan C. Milos
Environmental Manager

cc: Parag Amin (NYSDEC)

CEM SOLUTIONS

July 8,1998

Mr. Stan Milos
Norlite Corporation
628 South Saratoga Street
Cohoes, NY 12047

Re: Response Time Audit Results

Dear Mr. Milos:

CEM Solutions performed Response Time Audits (RT) on the Primary and Backup secondary ranges of the CiSCO Continuous Emission Monitoring Systems (CEMS) installed on Kilns 1 and 2 at the Norlite facility in Cohoes, NY. The audits were completed on July 7, 1998 accordance with procedures outlined in 40 CFR 266 (BIF), Appendix IX. The RT audit results for Primary and Backup CEMS are presented in enclosed Table summries.

The RT Audits indicated acceptable performance for Kiln 1 and 2 Primary and Backup CEMS with US EPA, BIF, 40 CFR 266, Appendix IX Quality Assurance limits.

Calibration Gases

Calibration gases are the daily Calibration gases and supplied by Air Products. Gas certifications are on file at Norlite Plant for review.

CYLINDER TANK ID	COMPONENT	CAL VALUE	PSI \ Location
SG860271	N2	ULTRA PURE N2	900 \ K 1 AB
SG1142225BAL	CO	2660 ppm	300 \ K 1 B
SG9114306BAL	CO	2620 ppm	2000\ K1 A
SG9167002BAL	N2	ULTRA PURE N2	900 \ K 2 AB
SG868851NB	CO	2590 ppm	1000 \ K 2 AB

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,
CEM SOLUTIONS

E. Mark Krizar
Project Engineer

1200 Route 9 Hudson, NY 12534 518 ■ 828 ■ 2026

NORLITE, KILN 1A
RESPONSE TIME DATA SUMMARY
JULY 7, 1998

Analyzer:	C0	Serial No.:	B7-889
Range:	0-3000 ppm		
	START TIME	END TIME	TIME ELAPSED
Upscale	12:19:50	12:20:47	00:57
	12:28:35	12:29:22	00:47
	12:38:20	12:39:16	00:56
		Average	**00:53**
Down Scale	12:23:20	12:25:18	01:58
	12:32:21	12:34:13	01:52
	12:42:05	12:44:02	01:57
		Average	**01:56**

NORLITE, KILN 1B
RESPONSE TIME DATA SUMMARY
JULY 7, 1998

Analyzer:	C0	Serial No.:	B7 - 890
Range:	0-3000 ppm		
	START TIME	END TIME	TIME ELAPSED
Upscale	10:59:51	11:00:54	01:03
	11:10:06	11:11:07	01:01
	11:19:50	11:20:52	01:02
		Average	**01:02**
Down Scale	11:03:50	11:05:49	01:59
	11:13:50	11:15:49	01:59
	11:23:50	11:25:49	01:59
		Average	**01:59**

CEM Solutions
Hudson, NY

RESPONSE TIME RUNS ≤ 2 minutes

NORLITE, KILN 2A
RESPONSE TIME DATA SUMMARY
JULY 7, 1998

Analyzer:	**C0**	**Serial No.:**	**X07 - 400**
Range:	**0-3000 ppm**		
	START TIME	**END TIME**	**TIME ELAPSED**
Upscale	12:48:35	12:49:26	00:51
	13:01:35	13:02:17	00:42
	13:09:05	13:09:46	00:41
		Average	**00:45**
Down Scale	12:56:51	12:58:33	01:42
	13:04:35	13:06:08	01:33
	13:12:50	13:14:22	01:32
		Average	**01:36**

NORLITE, KILN 2B
RESPONSE TIME DATA SUMMARY
JULY 7, 1998

Analyzer:	**C0**	**Serial No.:**	**F6 - 187**
Range:	**0-3000 ppm**		
	START TIME	**END TIME**	**TIME ELAPSED**
Upscale	11:38:21	11:39:22	01:01
	11:48:20	11:49:16	00:56
	12:00:36	12:01:27	00:51
		Average	**00:56**
Down Scale	11:42:36	11:44:35	01:59
	11:53:35	11:55:34	01:59
	12:04:06	12:06:05	01:59
		Average	**01:59**

CEM Solutions
Hudson, NY

RESPONSE TIME RUNS ≤ 2 minutes

NORLITE CORPORATION, COHOES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT 1
AUDIT START DATE/TIME: 07/07/98 12:19:45
AUDIT FILENAME: 1ART798.LG1

1A

Date	Time	O2 % Dry	CO ppm
/07/98	12:19:50	0.01	0.7
/07/98	12:19:56	3.05	0.9
/07/98	12:20:01	0.12	0.7
/07/98	12:20:06	5.15	2.6
/07/98	12:20:12	9.76	8.5
/07/98	12:20:17	12.19	10.6
/07/98	12:20:22	13.12	13.9
/07/98	12:20:27	13.43	15.8
/07/98	12:20:32	13.64	17.7
/07/98	12:20:37	13.68	18.5
/07/98	12:20:42	13.67	19.4
/07/98	12:20:47	13.66	20.1
/07/98	12:20:52	13.67	20.3
/07/98	12:20:58	13.71	20.5
/07/98	12:21:02	13.71	20.5
/07/98	12:21:08	13.68	20.5
/07/98	12:21:13	13.67	21.0

NORLITE CORPORATION, COHOES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT 1
AUDIT START DATE/TIME: 07/07/98 12:23:19
AUDIT FILENAME: 1ART798.LG1

Date	Time	O2 % Dry	CO ppm
7/07/98	12:23:20	0.04	263.2
7/07/98	12:23:26	0.07	263.2
7/07/98	12:23:31	0.04	2583.0
7/07/98	12:23:36	0.21	2592.0
7/07/98	12:23:41	5.16	1470.0
7/07/98	12:23:46	11.54	654.0
7/07/98	12:23:51	14.91	562.5
7/07/98	12:23:56	15.72	430.5
7/07/98	12:24:02	15.59	322.5
7/07/98	12:24:07	15.40	238.5
7/07/98	12:24:12	15.24	22.3
7/07/98	12:24:17	15.18	22.8
7/07/98	12:24:22	14.98	98.3
7/07/98	12:24:27	14.84	74.5
7/07/98	12:24:32	14.60	58.3
7/07/98	12:24:37	14.49	47.4
7/07/98	12:24:42	14.45	40.1
7/07/98	12:24:47	14.42	36.1
7/07/98	12:24:52	14.38	32.0
7/07/98	12:24:58	14.34	29.5
7/07/98	12:25:03	14.27	27.9
7/07/98	12:25:08	14.34	26.8
7/07/98	12:25:13	14.34	25.8
7/07/98	12:25:18	14.30	25.2
7/07/98	12:25:23	14.30	24.7
7/07/98	12:25:28	14.33	24.7
7/07/98	12:25:33	14.25	24.4
7/07/98	12:25:38	14.30	24.2
7/07/98	12:25:43	14.33	23.7

NORLITE CORPORATION, COHOES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT 1
AUDIT START DATE/TIME: 07/07/98 12:28:39
AUDIT FILENAME: 1ART793.001

Date	Time	O2 % Dry	CO ppm
7/07/98	12:28:39	0.03	1.3
7/07/98	12:28:41	0.02	1.2
7/07/98	12:28:46	0.89	1.3
7/07/98	12:28:51	6.32	4.0
7/07/98	12:28:56	10.01	6.8
7/07/98	12:29:01	12.15	10.7
7/07/98	12:29:06	13.66	14.2
7/07/98	12:29:11	14.01	16.4
7/07/98	12:29:16	14.16	18.2
7/07/98	12:29:22	14.30	19.4
7/07/98	12:29:27	14.32	19.9
7/07/98	12:29:32	14.35	20.1
7/07/98	12:29:37	14.40	20.6
7/07/98	12:29:42	14.32	20.8
7/07/98	12:29:47	14.36	21.1
7/07/98	12:29:52	14.36	21.1
7/07/98	12:29:57	14.35	21.1

NORLITE CORPORATION, CONOES, MSW OSK FACILITY
AUDIT LOG FILE FOR UNIT 1
AUDIT START DATE/TIME: 07/07/98 12:32:16
AUDIT FILENAME: 1ART798.LS1

ate	Time	O2 % Dry	CO ppm
07/98	12:32:21	0.01	2607.0
07/98	12:32:26	0.68	5412.3
07/98	12:32:31	6.10	1135.0
07/98	12:32:36	9.73	439.0
07/98	12:32:41	12.46	349.0
07/98	12:32:46	13.89	424.5
07/98	12:32:51	14.05	310.7
07/98	12:32:56	14.25	223.5
07/98	12:33:01	14.25	22.2
07/98	12:33:07	14.33	32.6
07/98	12:33:12	14.38	89.7
07/98	12:33:17	14.40	71.2
07/98	12:33:22	14.35	56.9
07/98	12:33:27	14.35	46.4
07/98	12:33:32	14.34	39.5
07/98	12:33:37	14.45	34.6
07/98	12:33:42	14.41	31.1
07/98	12:33:47	14.39	29.3
07/98	12:33:53	14.36	27.8
07/98	12:33:58	14.36	26.9
07/98	12:34:03	14.36	25.8
07/98	12:34:08	14.44	25.1
07/98	12:34:13	14.41	24.7
07/98	12:34:18	14.41	24.3
07/98	12:34:23	14.45	24.1
07/98	12:34:28	14.43	24.0
07/98	12:34:33	14.48	23.8
07/98	12:34:38	14.48	23.5
07/98	12:34:44	14.47	23.6
07/98	12:34:49	14.45	23.4
07/98	12:34:54	14.44	23.3
07/98	12:34:59	14.46	23.1
07/98	12:35:04	14.46	22.7
07/98	12:35:09	14.44	22.3
07/98	12:35:14	14.40	22.0

NORLITE CORPORATION, COHOES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT 1
AUDIT START DATE/TIME: 07/07/98 12:36:15
AUDIT FILENAME: 1FPT798.LG1

Date	Time	O2 % Dry	CO ppm
/07/98	12:38:20	0.00	1.2
/07/98	12:38:25	0.07	1.3
/07/98	12:38:30	4.34	2.6
/07/98	12:38:35	9.55	6.4
/07/98	12:38:40	11.92	9.4
/07/98	12:38:45	13.41	12.9
/07/98	12:38:50	14.04	15.6
/07/98	12:38:55	14.27	17.3
/07/98	12:39:01	14.29	18.2
/07/98	12:39:06	14.35	19.4
/07/98	12:39:11	14.36	19.9
/07/98	12:39:16	14.38	20.2
/07/98	12:39:21	14.42	20.4
/07/98	12:39:26	14.45	20.5
/07/98	12:39:32	14.4[illegible]	20.8
/07/98	12:39:37	14.46	20.8
/07/98	12:39:42	14.49	20.8

MOBILE COMBUSTION, COLDES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT 1
AUDIT START DATE/TIME: 07/07/98 12:42:40
AUDIT FILENAME: SART798.L01

Date	Time	O2 % Dry	CO ppm
/07/98	12:42:?5	0.00	2614.5
/07/98	12:42:?0	0.05	2631.3
/07/98	12:42:15	3.79	1381.0
/07/98	12:42:2?	8.44	762.5
/07/98	12:42:25	11.97	579.0
/07/98	12:42:31	13.54	463.5
/07/98	12:42:3?	14.12	340.5
/07/98	12:42:4?	14.28	243.0
/07/98	12:42:45	14.39	173.5
/07/98	12:42:?1	14.42	129.0
/07/98	12:42:5?	14.49	11.5
/07/98	12:43:?1	14.49	11.5
/07/98	12:43:06	14.48	59.9
/07/98	12:43:11	14.47	42.5
/07/98	12:43:16	14.44	40.3
/07/98	12:43:22	14.45	35.5
/07/98	12:43:27	14.46	31.6
/07/98	12:43:32	14.48	28.4
/07/98	12:43:37	14.48	27.9
/07/98	12:43:42	14.51	26.3
/07/98	12:43:47	14.48	25.?
/07/98	12:43:5?	14.49	25.1
/07/98	12:43:57	14.50	24.4
/07/98	12:44:02	14.50	24.2
/07/98	12:44:08	14.55	23.8
/07/98	12:44:13	14.63	23.9
/07/98	12:44:18	14.66	23.?
/07/98	12:44:23	14.68	23.5
/07/98	12:44:28	14.76	23.3
erage(s)		12.80	546.6

1B

NORLITE CORPORATION, COHOES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT 2
AUDIT START DATE/TIME: 07/07/98 10:59:45
AUDIT FILENAME: 1KBRT798.LG2

Date	Time	O2 % Dry	CO ppm
7/07/98	10:59:51	0.00	1.2
7/07/98	10:59:56	0.00	1.1
7/07/98	11:00:03	0.00	1.1
7/07/98	11:00:08	0.00	1.2
7/07/98	11:00:13	6.29	2.2
7/07/98	11:00:19	10.53	4.7
7/07/98	11:00:24	12.48	8.4
7/07/98	11:00:29	13.15	11.1
7/07/98	11:00:34	13.66	13.7
7/07/98	11:00:39	13.68	15.5
7/07/98	11:00:44	13.45	16.8
7/07/98	11:00:49	13.35	17.9
7/07/98	11:00:54	13.41	18.2
7/07/98	11:00:59	13.59	18.6
7/07/98	11:01:04	13.73	18.8
7/07/98	11:01:10	13.82	19.2
7/07/98	11:01:15	13.86	19.3
7/07/98	11:01:20	13.88	19.3
7/07/98	11:01:25	13.90	19.5

NORLITE CORPORATION, COHOES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT 2
AUDIT START DATE/TIME: 07/07/98 11:03:43
AUDIT FILENAME: IKURT798.LG2

Date	Time	O2 % Dry	CO ppm
7/07/98	11:02:50	0.00	2668.5
7/07/98	11:03:56	0.00	2665.5
7/07/98	11:04:01	7.22	2016.0
7/07/98	11:04:07	12.50	819.0
7/07/98	11:04:12	13.85	649.5
7/07/98	11:04:17	14.18	540.0
7/07/98	11:04:22	14.37	417.0
7/07/98	11:04:27	14.48	313.5
7/07/98	11:04:32	14.50	232.5
7/07/98	11:04:37	14.57	174.8
7/07/98	11:04:42	14.63	157.2
7/07/98	11:04:47	14.66	105.6
7/07/98	11:04:52	14.64	83.8
7/07/98	11:04:58	14.63	68.1
7/07/98	11:05:03	14.66	57.1
7/07/98	11:05:08	14.66	50.1
7/07/98	11:05:13	14.64	43.3
7/07/98	11:05:18	14.61	38.6
7/07/98	11:05:23	14.57	35.5
7/07/98	11:05:28	14.58	33.4
7/07/98	11:05:33	14.50	31.3
7/07/98	11:05:38	14.49	29.7
7/07/98	11:05:44	14.43	28.5
7/07/98	11:05:49	14.39	27.4
7/07/98	11:05:54	14.30	26.6
7/07/98	11:05:59	14.28	25.7
7/07/98	11:06:04	14.27	25.1
7/07/98	11:06:09	14.27	24.6
7/07/98	11:06:14	14.22	24.1
7/07/98	11:06:19	14.20	23.9
7/07/98	11:06:24	14.20	23.6
7/07/98	11:06:30	14.22	23.3
7/07/98	11:06:35	14.21	23.1
7/07/98	11:06:40	14.21	22.7

NOBLITE CORPORATION, COHOES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT 2
AUDIT START DATE/TIME: 07/07/98 11:10:01
AUDIT FILENAME: 1KERT798.LG2

Date	Time	O2 % Dry	CO ppm
07/07/98	11:10:06	0.00	1.1
07/07/98	11:10:11	0.00	1.1
07/07/98	11:10:16	0.00	1.0
07/07/98	11:10:21	0.00	1.0
07/07/98	11:10:26	4.35	1.4
07/07/98	11:10:31	10.48	4.2
07/07/98	11:10:36	12.50	7.7
07/07/98	11:10:41	13.07	10.1
07/07/98	11:10:47	13.36	12.8
07/07/98	11:10:52	13.51	14.8
07/07/98	11:10:57	13.58	16.2
07/07/98	11:11:02	13.60	17.0
07/07/98	11:11:07	13.67	17.8
07/07/98	11:11:12	13.66	18.2
07/07/98	11:11:17	13.70	18.6
07/07/98	11:11:22	13.69	18.7
07/07/98	11:11:27	13.67	19.1

NORLITE CORPORATION, COHOES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT 2
AUDIT START DATE/TIME: 07/07/98 11:13:45
AUDIT FILENAME: 1KBRT798.LG2

Date	Time	O2 % Dry	CO ppm
7/07/98	11:13:50	0.00	2664.0
7/07/98	11:13:55	0.00	2667.0
7/07/98	11:14:01	1.53	2464.5
7/07/98	11:14:07	10.85	1014.0
7/07/98	11:14:12	13.27	685.5
7/07/98	11:14:17	14.06	570.0
7/07/98	11:14:22	14.30	457.5
7/07/98	11:14:27	14.40	342.0
7/07/98	11:14:32	14.50	255.0
7/07/98	11:14:37	14.56	108.0
7/07/98	11:14:42	14.61	147.1
7/07/98	11:14:47	14.65	112.1
7/07/98	11:14:52	14.69	88.3
7/07/98	11:14:58	14.70	73.8
7/07/98	11:15:03	14.71	60.6
7/07/98	11:15:08	14.72	51.3
7/07/98	11:15:13	14.66	44.3
7/07/98	11:15:18	14.64	39.9
7/07/98	11:15:23	14.67	35.5
7/07/98	11:15:28	14.69	33.4
7/07/98	11:15:33	14.67	30.8
7/07/98	11:15:38	14.70	29.2
7/07/98	11:15:44	14.66	28.0
7/07/98	11:15:49	14.69	27.0
7/07/98	11:15:54	14.72	26.2
7/07/98	11:15:59	14.74	25.5
7/07/98	11:16:04	14.71	24.7
7/07/98	11:16:09	14.70	24.1
7/07/98	11:16:14	14.67	23.8
7/07/98	11:16:19	14.70	23.7
7/07/98	11:16:24	14.70	23.4
7/07/98	11:16:30	14.70	23.1

NORLITE CORPORATION, COHOES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT 2
AUDIT START DATE/TIME: 07/07/98 11:19:45
AUDIT FILENAME: 1K2RT798.LG2

Date	Time	O2 % Dry	CO ppm
07/07/98	11:19:50	0.00	1.3
07/07/98	11:19:55	0.00	1.3
07/07/98	11:20:01	0.00	1.3
07/07/98	11:20:06	0.00	1.1
07/07/98	11:20:11	1.63	1.6
07/07/98	11:20:16	8.49	3.0
07/07/98	11:20:21	12.67	7.0
07/07/98	11:20:26	13.52	10.2
07/07/98	11:20:32	13.75	13.2
07/07/98	11:20:37	14.07	15.3
07/07/98	11:20:42	14.10	16.6
07/07/98	11:20:47	14.06	17.8
07/07/98	11:20:52	14.04	18.6
07/07/98	11:20:57	14.09	18.9
07/07/98	11:21:02	14.10	19.3
07/07/98	11:21:07	14.09	20.0
07/07/98	11:21:12	14.12	19.9
07/07/98	11:21:18	14.07	20.4
07/07/98	11:21:23	14.09	21.0
07/07/98	11:21:28	14.09	19.3

NORLITE CORPORATION, COHOES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT 2
AUDIT START DATE/TIME: 07/07/98 11:23:45
AUDIT FILENAME: 1KSRT798.LG2

Date	Time	O2 % Dry	CO ppm
7/07/98	11:23:50	0.00	2667.0
7/07/98	11:23:55	0.00	2667.0
7/07/98	11:24:01	4.66	2046.0
7/07/98	11:24:06	11.39	869.0
7/07/98	11:24:12	13.08	569.0
7/07/98	11:24:17	13.61	561.0
7/07/98	11:24:22	13.84	435.0
7/07/98	11:24:27	13.95	331.5
7/07/98	11:24:32	14.02	245.0
7/07/98	11:24:37	14.05	159.5
7/07/98	11:24:42	14.07	143.4
7/07/98	11:24:47	14.09	110.2
7/07/98	11:24:52	14.15	86.0
7/07/98	11:24:58	14.15	73.3
7/07/98	11:25:03	14.12	59.2
7/07/98	11:25:08	14.10	51.4
7/07/98	11:25:13	14.10	44.0
7/07/98	11:25:18	14.10	39.4
7/07/98	11:25:23	14.12	35.8
7/07/98	11:25:28	14.12	33.1
7/07/98	11:25:33	14.05	31.0
7/07/98	11:25:38	14.06	29.5
7/07/98	11:25:43	14.04	28.6
7/07/98	11:25:47	14.06	27.2
7/07/98	11:25:54	14.07	26.4
7/07/98	11:25:59	14.06	25.3
7/07/98	11:26:04	14.04	25.3
7/07/98	11:26:09	14.04	24.6
7/07/98	11:26:14	14.04	24.1
Average(s)		12.65	398.3

2A

NORLITE CORPORATION, COHOES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT 3
AUDIT START DATE/TIME: 07/07/98 12:48:30
AUDIT FILENAME: 2ART798.LOG

Date	Time	O2 % Dry	CO ppm
/07/98	12:46:35	0.01	9.0
/07/98	12:48:40	6.50	9.3
/07/98	12:48:45	11.24	8.3
7/07/98	12:48:50	12.59	8.5
/07/98	12:48:55	13.29	9.7
7/07/98	12:49:00	13.60	11.8
/07/98	12:49:05	13.77	13.2
7/07/98	12:49:11	13.90	14.2
/07/98	12:49:16	13.98	14.2
7/07/98	12:49:21	14.00	14.6
/07/98	12:49:26	13.99	15.3
7/07/98	12:49:31	14.02	15.4
/07/98	12:49:36	14.06	15.4
/07/98	12:49:41	14.06	15.7
/07/98	12:49:46	14.03	15.2
7/07/98	12:49:52	14.05	15.7
/07/98	12:49:57	14.04	15.7

NORLITE CORPORATION, COHOES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT 3
AUDIT START DATE/TIME: 07/07/98 12:56:46
AUDIT FILENAME: 2AFT798.LOG

Date	Time	O2 % Dry	CO ppm
7/07/98	12:56:51	9.03	2590.0
7/07/98	12:56:56	7.05	1816.0
7/07/98	12:57:02	11.28	1015.7
7/07/98	12:57:07	13.49	668.[illegible]
7/07/98	12:57:12	13.99	503.2
7/07/98	12:57:17	14.15	344.0
7/07/98	12:57:22	14.20	236.8
7/07/98	12:57:27	14.21	177.2
7/07/98	12:57:32	14.22	125.7
7/07/98	12:57:37	14.29	87.9
7/07/98	12:57:42	14.28	61.1
7/07/98	12:57:47	14.26	52.2
7/07/98	12:57:53	14.26	38.8
7/07/98	12:57:58	14.29	34.9
7/07/98	12:58:03	14.28	26.9
7/07/98	12:58:08	14.30	28.2
7/07/98	12:58:13	14.32	25.4
7/07/98	12:58:18	14.31	23.9
7/07/98	12:58:23	14.32	1.8
7/07/98	12:58:28	14.34	1.[illegible]
7/07/98	12:58:33	14.33	11.8
7/07/98	12:58:39	14.30	18.5
7/07/98	12:58:44	14.32	18.3
7/07/98	12:58:49	14.26	18.0
7/07/98	12:58:54	14.29	18.2
7/07/98	12:58:59	14.28	18.1

NORLITE CORPORATION, COHOES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT 3
AUDIT START DATE/TIME: 07/07/98 13:01:30
AUDIT FILENAME: 2ART798.LGS

Date	Time	O2 % Dry	CO ppm
7/07/98	13:01:35	7.99	1.8
7/07/98	13:01:40	12.12	5.4
7/07/98	13:01:45	13.39	9.0
7/07/98	13:01:50	13.83	11.7
7/07/98	13:01:55	13.97	13.1
7/07/98	13:02:02	14.01	14.1
7/07/98	13:02:07	14.04	15.2
7/07/98	13:02:12	14.04	16.3
7/07/98	13:02:17	14.13	16.7
7/07/98	13:02:22	14.25	16.8
7/07/98	13:02:27	14.15	16.8
7/07/98	13:02:32	13.99	16.6
7/07/98	13:02:37	13.96	16.8
7/07/98	13:02:42	13.94	16.9

NORLITE CORPORATION, COHOES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT 3
AUDIT START DATE/TIME: 07/07/98 13:04:30
AUDIT FILENAME: 2AR0798.LOG

Date	Time	O2 % Dry	CO ppm
7/07/98	13:04:35	0.05	2538.5
7/07/98	13:04:40	6.63	2425.5
7/07/98	13:04:45	10.77	1458.8
7/07/98	13:04:50	12.93	765.7
7/07/98	13:04:56	13.70	631.2
7/07/98	13:05:02	13.96	458.6
7/07/98	13:05:07	14.06	294.8
7/07/98	13:05:12	13.96	204.9
7/07/98	13:05:17	13.78	138.3
7/07/98	13:05:22	13.57	90.5
7/07/98	13:05:27	13.50	76.0
7/07/98	13:05:32	13.50	35.2
7/07/98	13:05:37	13.54	6.7
7/07/98	13:05:43	13.53	4.7
7/07/98	13:05:48	13.51	28.5
7/07/98	13:05:53	13.54	25.0
7/07/98	13:05:58	13.50	22.8
7/07/98	13:06:03	13.49	21.8
7/07/98	13:06:08	13.50	20.2
7/07/98	13:06:13	13.48	19.4
7/07/98	13:06:18	13.50	18.7
7/07/98	13:06:23	13.51	18.2
7/07/98	13:06:29	13.56	18.0
7/07/98	13:06:34	13.54	17.5
7/07/98	13:06:39	13.52	17.2
7/07/98	13:06:44	13.46	16.9

[illegible] CORPORATION, COHOES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT C
AUDIT START DATE/TIME: 07/07/98 13:09:[illegible]
AUDIT FILENAME: 2ART750.LOG

Date	Time	O2 % Dry	CO ppm
7/07/98	13:09:05	6.21	1.[illegible]
7/07/98	13:09:10	1[illegible].04	4.4
7/07/98	13:09:15	12.47	7.[illegible]
7/07/98	13:09:20	13.10	10.[illegible]
7/07/98	13:09:25	13.34	13.1
7/07/98	13:09:31	13.38	14.6
7/07/98	13:09:36	13.44	15.7
7/07/98	13:09:41	13.44	16.2
7/07/98	13:09:46	13.45	16.4
7/07/98	13:09:51	13.47	16.7
7/07/98	13:09:56	13.48	16.[illegible]
7/07/98	13:10:01	13.45	17.0
7/07/98	13:10:07	13.44	16.9
7/07/98	13:10:12	13.46	16.6
7/07/98	13:10:17	13.49	16.[illegible]
7/07/98	13:10:22	13.52	16.7
7/07/98	13:10:27	13.45	16.5

NORLITE CORPORATION, COHOES, NEW YORK FACILITY
AUDIT LOG FILE FOR UNIT 2
AUDIT START DATE, TIME: 07/07/98 13:12:45
AUDIT FILENAME: 2ART798.LOG

Date	Time	O2 % Dry	CO ppm
7/07/98	13:12:50	6.39	2568.5
7/07/98	13:12:55	5.02	1364.5
7/07/98	13:13:00	11.69	772.1
7/07/98	13:13:05	12.77	581.8
7/07/98	13:13:10	13.34	455.5
7/07/98	13:13:15	13.62	344.0
7/07/98	13:13:20	13.86	233.8
7/07/98	13:13:26	13.87	20.2
7/07/98	13:13:31	13.95	20.1
7/07/98	13:13:36	13.98	35.0
7/07/98	13:13:41	14.09	62.3
7/07/98	13:13:46	14.02	47.2
7/07/98	13:13:51	14.08	37.7
7/07/98	13:13:56	14.13	31.3
7/07/98	13:14:02	14.15	28.1
7/07/98	13:14:07	14.14	24.6
7/07/98	13:14:12	14.20	22.8
7/07/98	13:14:17	14.25	21.3
7/07/98	13:14:22	14.28	20.4
7/07/98	13:14:27	14.26	19.5
7/07/98	13:14:32	14.27	17.3
7/07/98	13:14:38	14.25	18.9
7/07/98	13:14:43	14.21	18.6
7/07/98	13:14:48	14.20	18.4
7/07/98	13:14:53	14.23	18.5
7/07/98	13:14:58	14.21	18.2
Average(s)		13.17	278.4

NORLITE CORPORATION, COHOES, NEW YORK FACILITY
COHOES, NEW YORK

KILN 1 AUTOMATIC CALIBRATION REPORT

CALIBRATION DATE/TIME: [illegible]
REPORT DATE: [illegible] REPORT TIME: [illegible]

PARAMETER	CALIBRATION TIME	SAMPLE POINT	ZERO REF VALUE	MEASURED VALUE	ZERO DIFF	ZERO RESULTS	SPAN REF VALUE	MEASURED VALUE	SPAN DIFF	SPAN RESULTS	INSTRUMENT SPAN
CO, ppm	07:00	A	0.00	-3.50	-3.50	0.12%	2610.00	2615.50	-4.50	0.15%	3000.00
THC ppm	07:00	A	0.00	-0.21	-0.21	0.10%	173.00	172.58	-0.42	0.21%	200.00
O2 %	07:00	A	0.00	-0.04	-0.04	0.04	18.10	18.10	0.00	0.00	25.00

SIGNATURE

FOREMAN'S REVIEW

Calibration Gas Values used For Response Time tests.

[illegible]
[illegible]

KILN 1 AUTOMATIC CALIBRATION REPORT

[illegible]
[illegible]

PARAMETER	CALIBRATION TIME	SAMPLE POINT	ZERO REF VALUE	MEASURED VALUE	ZERO DIFF	ZERO RESULTS	SPAN REF VALUE	MEASURED VALUE	SPAN DIFF	SPAN RESULTS	INSTRUMENT SPAN
CO = ppm	02:00	3	0.00	-1.60	-1.60	0.05%	2510.00	2508.40	-1.60	0.05%	5000.00
CO/2 ppm	08:00	3	0.00	-0.34	-0.34	0.17%	173.00	172.63	-0.37	0.17%	200.00
CO %	08:00	3	0.00	-0.01	-0.01	0.01	19.10	19.09	-0.01	0.01	35.00

SIGNATURE

FOREMAN'S REVIEW

D = KILN OFFLINE

[illegible]

KILN 2 AUTOMATIC CALIBRATION REPORT

CALIBRATION DATE/TIME: [illegible]

REPORT DATE: [illegible] REPORT TIME: 07:15

PARAMETER	CALIBRATION TIME	SAMPLE POINT	ZERO REF VALUE	MEASURED VALUE	ZERO DIFF	ZERO RESULTS	SPAN REF VALUE	MEASURED VALUE	SPAN DIFF	SPAN RESULTS	INSTRUMENT SPAN
CO/A ppm	07:00	A	0.00	-0.80	-0.80	0.00%	2810.00	2817.20	7.20	0.26%	3000.00
CO/L lbs	07:00	A	0.00	-0.03	-0.03	0.01%	172.00	171.37	0.37	0.18%	200.00
O2 %	07:00	A	0.00	0.05	0.05	0.05	18.10	18.16	0.06	0.16	25.00

SIGNATURE

FOREMAN'S REVIEW

[illegible] CORPORATION, COHOES, NEW YORK FACILITY
COHOES, NEW YORK

KILN 2 AUTOMATIC CALIBRATION REPORT

CALIBRATION DATE/TIME: [illegible] 08:00:00
REPORT DATE: [illegible]/93 REPORT TIME: 09:25

PARAMETER	CALIBRATION TIME	SAMPLE POINT	ZERO REF VALUE	MEASURED VALUE	ZERO DIFF	ZERO RESULTS	SPAN REF VALUE	MEASURED VALUE	SPAN DIFF	SPAN RESULTS	INSTRUMENT SPAN
SO2 ppm	08:00	2	0.00	-5.80	-5.80	[illegible]	[illegible]	2504.40	-5.60	0.19%	[illegible]
NOx ppm	08:00	2	0.00	-0.90	-0.90	0.45%	172.00	171.79	-0.22	0.11%	200.00
O2 %	08:00	2	[illegible]	-0.02	-0.02	[illegible]	18.10	[illegible]	[illegible]	[illegible]	25.00

SIGNATURE

FOREMAN'S REVIEW

3	907	906	-0.06	423	9.5	39	40	250	251	13.4	205	17	17	0	0.6	0.7	8.6	8.6	24000
3	906	906	-0.07	424	9.2	42	39	252	251	13.3	207	17	17	0	0.6	0.7	8.5	8.6	24060
3	907	906	-0.08	424	9.3	45	40	252	251	14.0	207	17	17	0	0.6	0.7	8.3	8.6	24110
3	908	906	-0.07	426	9.2	39	39	250	251	13.1	207	17	17	0	0.5	0.7	8.1	8.6	24170
3	910	906	-0.07	426	9.2	39	39	249	251	13.0	206	17	17	0	0.4	0.6	8.1	8.6	24230
3	911	906	-0.08	427	9.1	39	39	251	251	13.2	206	17	17	0	0.4	0.6	8.3	8.6	24280
3	912	906	-0.08	427	9.1	40	39	250	251	13.2	207	17	17	0	0.4	0.6	8.8	8.6	24340
3	912	906	-0.07	427	9.2	40	39	249	251	13.2	207	17	17	0	0.4	0.6	9.1	8.6	24390
3	911	906	-0.07	427	9.2	41	39	250	251	13.4	207	17	17	0	0.4	0.6	9.0	8.6	24450
2	912	906	-0.10	426	9.2	41	40	250	251	13.4	206	17	17	0	0.5	0.6	8.9	8.6	24500
2	910	906	-0.07	425	9.3	41	40	250	251	13.6	206	17	17	0	0.5	0.6	8.8	8.6	24560
2	909	906	-0.07	424	9.6	42	40	253	251	13.6	205	17	17	0	0.4	0.6	8.7	8.6	24620
3	908	906	-0.06	424	9.2	41	40	250	251	13.4	205	17	17	0	0.5	0.5	8.5	8.6	24670
3	909	906	-0.06	423	9.3	39	40	251	251	13.5	204	17	17	0	0.5	0.5	8.4	8.6	24730
3	910	906	-0.07	423	9.3	37	40	253	251	13.2	204	17	17	0	0.5	0.5	8.3	8.6	24780
3	910	906	-0.07	423	9.5	36	40	249	251	13.3	205	17	17	0	0.5	0.5	8.2	8.6	24840
3	910	906	-0.07	423	9.5	40	40	249	251	13.5	207	18	17	0	0.5	0.5	8.4	8.6	24890
3	911	907	-0.06	424	9.2	41	40	250	251	13.6	208	17	17	0	0.4	0.5	8.7	8.6	24950
2	911	907	-0.06	425	9.3	45	40	250	251	13.9	207	17	17	0	0.4	0.5	8.7	8.6	25000
2	911	907	-0.06	425	9.4	45	41	252	251	14.1	207	17	17	0	0.5	0.4	8.6	8.6	25060
2	911	907	-0.07	426	9.2	42	40	251	251	13.8	206	17	17	0	0.4	0.4	8.5	8.6	25120
2	911	907	-0.06	426	9.5	42	40	252	251	13.6	206	17	17	0	0.4	0.4	8.4	8.6	25170
2	911	907	-0.06	426	9.2	41	40	250	251	13.5	205	17	17	0	0.4	0.4	8.3	8.6	25230
2	911	907	-0.07	426	9.2	40	40	253	251	13.4	205	17	17	0	0.4	0.4	8.2	8.6	25290
2	911	907	-0.07	427	9.2	42	42	252	251	13.6	204	17	17	0	0.4	0.4	8.3	8.6	25340
3	910	907	-0.06	427	9.6	42	41	251	251	13.6	205	17	17	0	0.4	0.4	8.6	8.6	25400
3	910	907	-0.06	426	9.6	42	40	252	251	13.4	205	17	17	0	0.6	0.4	8.9	8.6	25450

or KILN #1 03/18/98

	B-END		KILN PRESS	BH TEMP	BH DP	CO		ID FAN		OXYGEN	RECIRC.	SHALE FEED		LIME FLOW	USED OIL		RECIRC.		WWTP
	deg F	deg F	inch WC	deg F	inch WC	PPM	PPM	Amps	Amps	%	GPM	TPH	TPH	1=NO 0=YES	GPM	GPM	PH	PH	GALS
	CNT.	HRA				CNT.	HRA	CNT.	HRA			CNT.	HRA		CNT.	HRA	CNT.	HRA	
3	910	907	-0.07	426	9.4	53	40	250	251	13.3	205	17	17	0	0.7	0.4	8.9	8.6	25500
4	910	907	-0.08	426	9.5	61	42	251	251	13.3	205	17	17	0	0.7	0.4	8.8	8.6	25560
3	909	907	-0.08	425	9.4	47	42	252	251	13.7	207	17	17	0	0.6	0.4	8.7	8.6	25620
3	910	908	-0.09	425	7.1	42	41	258	251	13.5	207	17	17	0	0.6	0.4	8.5	8.6	25680
3	913	908	-0.09	428	6.3	41	41	260	252	13.7	207	17	17	0	0.6	0.5	8.4	8.6	25730
3	917	908	-0.09	429	6.8	42	41	257	252	14.1	206	17	17	0	0.5	0.5	8.3	8.6	25790
3	919	908	-0.09	429	7.2	44	41	257	252	14.2	205	17	17	0	0.5	0.5	8.2	8.6	25840
3	921	909	-0.07	427	7.5	42	41	257	252	13.9	205	17	17	0	0.9	0.5	8.2	8.6	25900
3	924	909	-0.07	425	7.5	37	41	256	252	13.0	205	17	17	0	0.8	0.5	8.6	8.6	25960
3	924	909	-0.08	425	8.0	36	41	258	252	12.6	205	17	17	0	0.8	0.5	8.9	8.6	26010
3	925	910	-0.08	425	7.6	36	42	257	252	12.8	206	13	17	0	0.8	0.5	8.9	8.6	26070
4	926	910	-0.07	425	7.6	36	42	257	252	12.8	205	17	17	0	0.8	0.5	8.8	8.6	26120
4	926	910	-0.08	425	7.9	35	41	257	252	12.7	205	17	17	0	0.7	0.5	8.7	8.6	26170
4	927	911	-0.07	424	8.2	37	41	256	252	12.8	206	17	17	0	0.7	0.5	8.6	8.6	26230
4	928	911	-0.07	424	8.0	36	41	255	252	13.0	207	17	17	0	0.7	0.5	8.4	8.6	26290
3	929	911	-0.08	425	8.1	37	41	258	252	13.0	206	17	17	0	0.7	0.5	8.2	8.6	26350
3	928	912	-0.08	424	8.3	41	41	257	253	13.7	205	17	17	0	0.7	0.5	8.1	8.6	26400
3	926	912	-0.08	423	8.3	44	42	256	253	13.9	206	17	17	0	0.1	0.5	8.2	8.6	26460
3	925	912	-0.09	422	6.8	51	41	260	253	14.7	206	17	17	0	0.0	0.5	8.6	8.6	26510
3	925	912	-0.09	424	6.9	61	42	259	253	15.4	206	17	17	0	0.0	0.5	9.0	8.6	26570
3	926	913	-0.09	428	7.2	53	42	259	253	14.6	206	17	17	0	0.0	0.5	9.1	8.6	26620
3	926	913	-0.09	429	7.0	50	42	259	253	14.3	206	17	17	0	0.0	0.5	9.0	8.6	26680
3	926	914	-0.09	427	7.4	50	42	259	253	14.2	206	17	17	0	0.4	0.5	8.9	8.6	26730
3	926	914	-0.09	424	7.6	46	43	257	253	13.9	205	17	17	0	0.5	0.5	8.8	8.6	26790
3	926	915	-0.10	422	7.9	47	43	258	253	14.0	205	17	17	0	0.4	0.5	8.6	8.6	26850
2	924	915	-0.09	421	7.7	48	43	255	253	14.0	206	17	17	0	0.4	0.5	8.5	8.6	26900
2	922	915	-0.09	423	7.8	48	43	258	254	14.0	208	17	17	0	0.4	0.5	8.4	8.6	26950
2	924	915	-0.12	425	7.8	43	43	257	254	13.6	207	17	17	0	0.7	0.5	8.3	8.6	27010
2	923	916	-0.11	428	8.0	44	44	256	254	13.5	206	17	17	0	0.7	0.5	8.2	8.6	27060
2	922	916	-0.10	429	8.1	44	44	257	254	13.6	206	17	17	0	0.6	0.5	8.2	8.6	27120
2	921	916	-0.09	426	8.1	44	44	258	254	13.6	206	17	17	0	0.5	0.5	8.4	8.6	27180
2	922	917	-0.10	425	8.3	45	44	257	254	13.6	206	17	17	0	0.5	0.5	8.9	8.6	27230

920	917	-0.09	423	8.1	45	44	258	254	13.6	206	17	17	0	0.4	0.5	9.0	8.6	27340
920	917	-0.09	422	8.1	45	44	257	254	13.7	206	17	17	0	0.4	0.5	8.9	8.6	27400
920	917	-0.09	423	8.3	47	44	257	254	13.8	205	17	17	0	0.4	0.5	8.8	8.6	27450
919	918	-0.08	425	8.2	49	44	258	255	14.0	205	17	17	0	0.4	0.5	8.6	8.6	27510
918	918	-0.08	426	8.2	50	44	255	255	14.0	205	17	17	0	0.6	0.5	8.5	8.6	27570
919	918	-0.08	426	8.3	47	45	255	255	13.7	208	17	17	0	0.5	0.5	8.4	8.6	27620
920	918	-0.08	428	8.3	53	45	257	255	14.1	207	17	17	0	0.4	0.5	8.3	8.6	27680
921	918	-0.09	429	6.8	52	45	259	255	13.6	206	17	17	0	0.8	0.5	8.2	8.6	27730
922	918	-0.08	427	6.6	53	45	261	255	13.6	205	17	17	0	0.7	0.5	8.2	8.6	27780
923	919	-0.09	425	6.9	64	46	261	255	13.8	206	17	17	0	0.8	0.5	8.3	8.6	27840
925	919	-0.09	424	7.1	59	46	258	255	13.5	206	17	17	0	0.9	0.5	8.8	8.6	27900
926	919	-0.09	423	7.4	58	46	261	256	13.6	206	17	17	0	0.8	0.5	9.1	8.6	27950
925	919	-0.09	423	7.5	56	46	258	256	13.7	206	17	17	0	0.8	0.5	9.1	8.6	28010
924	920	-0.09	424	7.6	54	47	256	256	13.7	205	17	17	0	0.8	0.5	8.9	8.6	28070
924	920	-0.09	426	7.5	51	47	258	256	13.6	205	17	17	0	0.8	0.5	8.8	8.6	28120
924	920	-0.09	428	7.8	48	47	258	256	13.5	205	17	17	0	0.8	0.5	8.7	8.6	28180
922	920	-0.08	428	7.7	48	47	256	256	13.7	205	17	17	0	0.8	0.6	8.6	8.6	28230
921	920	-0.08	424	7.9	47	47	257	256	13.8	208	17	17	0	0.8	0.6	8.5	8.6	28290
920	921	-0.09	421	8.1	47	47	258	256	13.9	207	17	17	0	0.8	0.6	8.4	8.6	28350
920	921	-0.09	422	8.1	47	47	255	256	14.0	206	17	17	0	0.8	0.6	8.3	8.6	28400
919	921	-0.08	424	8.0	44	47	256	257	13.6	205	17	17	0	0.8	0.6	8.2	8.6	28460
920	921	-0.09	426	8.1	39	47	255	257	12.8	205	17	17	0	0.8	0.6	8.2	8.6	28510
922	921	-0.09	429	7.9	39	47	258	257	12.7	206	17	17	0	0.8	0.6	8.6	8.6	28570
924	921	-0.09	428	8.0	39	47	257	257	12.9	206	17	17	0	0.8	0.6	9.0	8.6	28630
923	922	-0.08	426	7.9	39	47	258	257	13.1	206	17	17	0	0.8	0.6	9.1	8.6	28680
923	922	-0.09	422	8.1	42	47	257	257	13.5	205	17	17	0	0.8	0.6	8.9	8.6	28740
922	922	-0.08	421	8.0	41	47	256	257	13.2	205	17	17	0	0.8	0.6	8.8	8.6	28790

or KILN #1 03/19/96

B-END		KILN PRESS	BH TEMP	BH DP	CO		ID FAN		OXYGEN	RECIRC.	SHALE FEED		LIME FLOW	USED OIL		RECIRC.		WWTP
deg F	deg F	inch WC	deg F	inch WC	PPM	PPM	Amps	Amps	%	GPM	TPH	TPH	1=NO 0=YES	GPM	GPM	PH	PH	GALS
CNT.	HRA				CNT.	HRA	CNT.	HRA			CNT.	HRA		CNT.	HRA	CNT.	HRA	
924	922	-0.08	424	7.9	36	47	257	257	12.6	205	17	17	0	0.8	0.6	8.7	8.6	28850
924	922	-0.08	428	8.3	35	46	258	257	12.4	207	21	17	0	0.4	0.6	8.6	8.6	28900
922	923	-0.08	428	8.3	50	47	258	257	14.4	207	17	17	0	0.0	0.6	8.5	8.6	28960
922	923	-0.08	426	8.1	53	47	258	257	14.7	207	17	17	0	0.0	0.6	8.4	8.6	29010
921	923	-0.08	424	7.9	44	47	256	257	13.8	206	17	17	0	0.0	0.6	8.3	8.6	29070
921	923	-0.09	422	6.5	42	47	262	257	13.7	205	17	17	0	0.0	0.6	8.2	8.6	29120
921	923	-0.09	422	6.7	42	47	258	257	13.7	205	17	17	0	0.3	0.6	8.2	8.6	29180
923	923	-0.09	425	6.8	40	47	260	257	13.3	205	17	17	0	0.6	0.6	8.6	8.6	29240
923	923	-0.09	428	7.2	40	47	260	258	13.2	205	17	17	0	0.6	0.6	8.9	8.6	29290
925	923	-0.10	429	7.2	39	47	259	258	13.2	205	17	17	0	0.6	0.5	9.0	8.6	29350
926	923	-0.10	426	7.3	39	47	258	258	13.2	205	17	17	0	0.5	0.5	8.9	8.6	29400
926	923	-0.09	424	7.6	38	47	257	258	13.1	205	17	17	0	0.5	0.5	8.8	8.6	29460
926	923	-0.09	422	7.7	39	47	258	258	13.2	206	17	17	0	0.5	0.5	8.7	8.6	29510
925	923	-0.09	422	8.0	39	47	257	258	13.2	207	17	17	0	0.5	0.5	8.6	8.6	29570
924	923	-0.09	423	7.8	39	47	258	258	13.2	206	17	17	0	0.5	0.5	8.4	8.6	29630
924	923	-0.09	424	8.0	40	47	257	258	13.1	206	17	17	0	0.5	0.5	8.3	8.6	29680
924	923	-0.08	426	7.9	39	47	256	258	12.8	205	17	17	0	0.5	0.5	8.2	8.6	29740
925	923	-0.07	428	8.0	38	47	257	258	12.9	205	17	17	0	0.5	0.5	8.1	8.6	29790
925	923	-0.07	428	8.0	40	47	257	258	13.2	205	17	17	0	0.5	0.5	8.5	8.6	29850
925	923	-0.06	425	7.8	38	46	259	258	13.5	205	17	17	0	0.4	0.5	8.9	8.6	29900
925	923	-0.06	423	8.3	38	46	256	258	13.5	206	17	17	0	0.4	0.5	9.0	8.6	29960
924	923	-0.07	422	8.0	39	46	255	257	13.5	205	17	17	0	0.4	0.6	9.0	8.6	30010
924	923	-0.07	422	8.2	41	46	255	257	13.8	205	17	17	0	0.4	0.6	8.9	8.6	30070
924	923	-0.06	424	8.0	44	46	254	257	13.9	204	17	17	0	0.4	0.6	8.8	8.6	30120
924	923	-0.05	427	8.1	47	46	258	257	14.1	205	17	17	0	0.4	0.6	8.7	8.6	30180
922	923	-0.07	429	8.2	49	46	256	257	14.3	207	17	17	0	0.4	0.6	8.6	8.6	30240
921	923	-0.07	429	8.1	45	46	257	257	14.1	207	17	17	0	0.4	0.6	8.5	8.6	30290
920	923	-0.07	426	6.6	47	46	260	257	14.3	206	17	17	0	0.4	0.5	8.3	8.6	30350
922	923	-0.07	424	6.4	46	46	259	257	14.3	205	17	17	0	0.4	0.5	8.3	8.6	30400
922	923	-0.08	422	6.5	44	46	259	257	14.2	204	17	17	0	0.6	0.5	8.2	8.6	30460
923	923	-0.08	422	7.0	42	46	259	258	14.2	205	17	17	0	0.6	0.5	8.3	8.6	30520
923	923	-0.08	424	6.9	45	46	258	258	14.2	205	17	17	0	0.6	0.6	8.7	8.6	30570

922	923	-0.08	426	7.4	46	46	258	258	14.4	205	17	17	0	0.6	0.6	9.0	8.6	30630
921	923	-0.08	426	7.7	46	46	259	258	14.4	205	17	17	0	0.6	0.6	8.9	8.6	30740
920	923	-0.07	425	7.6	47	46	258	258	14.5	205	17	17	0	0.8	0.6	8.8	8.6	30800
921	923	-0.08	424	7.6	40	46	256	258	13.5	206	17	17	0	1.3	0.6	8.8	8.6	30850
922	923	-0.07	424	7.7	38	45	257	258	13.4	208	17	17	0	1.3	0.6	8.6	8.6	30910
922	923	-0.07	426	7.8	39	45	258	258	13.5	206	17	17	0	1.2	0.6	8.5	8.6	30960
922	923	-0.07	428	7.9	41	45	258	258	13.6	206	17	17	0	1.2	0.6	8.4	8.6	31020
922	923	-0.07	428	7.8	41	45	256	258	13.5	205	17	17	0	1.2	0.6	8.3	8.6	31070
922	923	-0.07	426	7.9	41	45	254	258	13.4	204	17	17	0	1.2	0.6	8.2	8.6	31130
922	923	-0.07	423	7.9	41	44	258	257	13.4	204	17	17	0	1.3	0.6	8.2	8.6	31130
921	923	-0.06	422	7.9	42	44	259	258	13.4	204	17	17	0	1.2	0.6	8.5	8.6	31240
921	923	-0.07	422	7.9	42	44	255	257	13.6	205	17	17	0	1.3	0.7	8.8	8.6	31300
922	923	-0.07	424	8.0	41	44	259	257	13.6	205	17	17	0	1.3	0.7	9.0	8.6	31350
923	923	-0.07	428	8.0	41	43	256	257	13.6	205	17	17	0	1.3	0.7	8.9	8.6	31410
923	923	-0.06	429	8.2	41	43	258	257	13.7	204	17	17	0	1.3	0.7	8.9	8.6	31460
922	923	-0.07	426	8.0	40	43	256	257	13.7	206	17	17	0	1.2	0.7	8.8	8.6	31520
922	923	-0.06	423	7.9	40	43	258	257	13.9	208	17	17	0	1.3	0.7	8.7	8.6	31570
922	923	-0.07	421	8.0	40	43	257	257	14.0	207	17	17	0	1.3	0.7	8.5	8.6	31630
921	923	-0.07	422	8.0	41	43	257	257	14.0	206	17	17	0	1.3	0.7	8.4	8.6	31680
922	923	-0.07	425	7.9	43	43	256	257	14.0	205	17	17	0	1.3	0.7	8.3	8.6	31740
921	923	-0.07	429	8.1	44	43	258	257	13.9	204	17	17	0	1.3	0.7	8.3	8.6	31800
921	923	-0.07	429	7.8	42	43	258	258	13.6	204	17	17	0	1.3	0.7	8.2	8.6	31850
921	923	-0.08	426	8.1	41	43	255	257	13.6	204	17	17	0	1.2	0.7	8.3	8.6	31910
921	923	-0.08	422	8.1	42	43	257	257	13.6	205	17	17	0	1.2	0.8	8.6	8.6	31960
921	923	-0.08	421	8.2	42	43	255	257	13.6	205	17	17	0	1.2	0.8	8.8	8.6	32020
921	923	-0.08	423	7.9	42	43	257	257	13.7	205	16	17	0	1.2	0.8	8.9	8.6	32080
921	923	-0.07	425	8.2	42	43	257	257	13.5	204	17	17	0	1.3	0.8	8.9	8.6	32130

or KILN #1 03/18/98

B-END		KILN PRESS	BH TEMP	BH DP	CO		ID FAN		OXYGEN	RECIRC.	SHALE FEED		LIME FLOW	USED OIL		RECIRC.		WWTP
deg F CNT.	deg F HRA	inch WC	deg F	inch WC	PPM CNT.	PPM HRA	Amps CNT.	Amps HRA	%	GPM	TPH CNT.	TPH HRA	1=NO 0=YES	GPM CNT.	GPM HRA	PH CNT.	PH HRA	GALS
920	922	-0.07	427	8.1	40	43	258	258	13.4	206	17	17	0	1.3	0.8	8.8	8.6	32180
920	922	-0.08	429	8.3	41	43	256	257	13.5	207	17	17	0	1.3	0.8	8.7	8.6	32240
920	922	-0.09	428	8.2	42	43	257	257	13.5	206	17	17	0	1.3	0.8	8.6	8.6	32300
921	922	-0.09	424	8.4	42	43	256	257	13.4	205	17	17	0	1.3	0.8	8.5	8.6	32350
919	922	-0.09	421	7.9	41	43	256	257	13.2	205	17	17	0	1.3	0.9	8.4	8.6	32410
918	922	-0.09	422	8.3	41	43	256	257	13.2	204	17	17	0	1.2	0.9	8.3	8.6	32460
918	922	-0.09	425	8.0	42	43	255	257	13.3	204	17	17	0	1.3	0.9	8.2	8.6	32520
919	922	-0.10	428	7.9	41	43	256	257	13.2	204	17	17	0	1.7	0.9	8.3	8.6	32580
919	922	-0.09	427	8.1	40	43	256	257	13.2	204	17	17	0	1.7	0.9	8.5	8.6	32630
919	922	-0.10	424	6.9	40	43	258	257	13.4	204	17	17	0	1.6	1.0	8.8	8.6	32690
920	922	-0.10	424	6.6	39	43	260	257	13.4	204	17	17	0	1.7	1.0	8.9	8.6	32740
921	922	-0.11	424	6.9	39	43	258	257	13.4	205	17	17	0	1.7	1.0	8.9	8.6	32800
921	922	-0.11	424	7.2	39	43	258	257	13.4	207	17	17	0	1.6	1.0	8.9	8.6	32860
922	922	-0.09	423	7.4	39	43	259	257	13.5	207	17	17	0	1.6	1.0	8.7	8.6	32910
922	922	-0.09	423	7.4	39	43	254	257	13.5	206	17	17	0	1.6	1.0	8.6	8.6	32970
922	922	-0.10	423	7.6	40	43	258	257	13.5	205	17	17	0	1.6	1.1	8.5	8.6	33020
922	922	-0.11	423	7.6	40	43	259	257	13.5	205	17	17	0	1.6	1.1	8.4	8.6	33080
922	922	-0.10	424	7.9	41	43	255	257	13.5	204	17	17	0	1.6	1.1	8.3	8.6	33130
921	921	-0.10	426	7.4	41	43	254	257	13.4	203	17	17	0	1.6	1.1	8.2	8.6	33190
921	921	-0.10	427	7.7	42	43	257	257	13.4	203	17	17	0	1.6	1.1	8.2	8.6	33240
919	921	-0.10	428	7.7	41	43	257	257	13.4	203	17	17	0	1.6	1.2	8.4	8.6	33300
919	921	-0.09	426	7.9	41	43	256	257	13.5	203	17	17	0	1.6	1.2	8.7	8.6	33360
919	921	-0.10	423	7.9	44	43	255	257	13.6	204	17	17	0	1.6	1.2	8.9	8.6	33410
919	921	-0.10	421	7.8	44	43	256	257	13.7	206	17	17	0	1.6	1.2	9.0	8.6	33460
919	921	-0.10	423	7.9	42	43	256	257	13.6	207	17	17	0	1.6	1.2	8.9	8.6	33520
919	921	-0.09	427	7.9	42	43	257	257	13.7	206	17	17	0	1.6	1.3	8.8	8.6	33580
919	921	-0.10	428	7.8	42	43	254	257	13.7	206	17	17	0	1.6	1.3	8.7	8.6	33630
918	921	-0.10	426	8.0	41	43	257	257	13.6	205	17	17	0	1.6	1.3	8.6	8.6	33690
917	921	-0.09	423	7.7	42	43	257	257	13.9	204	17	17	0	1.4	1.3	8.5	8.6	33740
916	921	-0.09	422	7.7	40	43	255	257	13.6	204	17	17	0	1.6	1.3	8.4	8.6	33800
916	921	-0.09	423	7.8	40	43	258	257	13.4	204	17	17	0	1.6	1.3	8.3	8.6	33850
916	920	-0.10	425	8.0	39	42	255	257	13.4	203	17	17	0	1.6	1.4	8.2	8.6	33910

5	918	920	-0.08	423	8.1	42	42	258	257	13.7	207	17	17	0	1.4	1.4	3.6	3.6	34010
5	918	920	-0.10	427	8.0	42	42	254	257	13.8	207	17	17	0	1.4	1.4	3.7	3.6	34080
5	917	920	-0.11	425	7.9	42	42	256	257	13.7	206	17	17	0	1.4	1.4	3.7	3.6	34150
5	917	920	-0.10	423	7.9	42	42	258	257	13.6	206	17	17	0	1.3	1.4	3.7	3.6	34220
5	916	920	-0.11	423	8.0	42	42	256	257	13.6	205	17	17	0	1.4	1.4	3.6	3.6	34291
5	916	920	-0.10	424	8.1	42	42	256	257	13.5	204	17	17	0	1.4	1.4	3.5	3.6	34361
5	916	920	-0.11	424	8.1	42	42	257	257	13.6	204	17	17	0	1.3	1.4	3.4	3.6	34431
5	915	920	-0.09	425	8.0	42	42	256	257	13.6	204	17	17	0	1.3	1.4	3.3	3.6	34501
5	914	920	-0.09	425	8.0	42	42	256	257	13.6	203	17	17	0	1.4	1.4	3.3	3.6	34571
5	914	919	-0.10	425	8.0	42	42	253	257	13.5	203	17	17	0	1.4	1.4	3.2	3.6	34641
5	914	919	-0.09	425	8.1	42	42	254	257	13.6	206	17	17	0	1.3	1.4	3.3	3.6	34711
5	915	919	-0.08	425	7.9	42	42	256	257	13.6	208	17	17	0	1.4	1.4	3.7	3.6	34781
5	915	919	-0.09	425	8.3	41	42	255	256	13.1	207	17	17	0	2.0	1.4	3.9	3.6	34850
5	915	919	-0.09	426	8.0	39	42	253	256	12.9	206	17	17	0	2.0	1.5	3.8	3.6	34920
5	915	919	-0.09	426	8.0	41	42	256	256	12.9	206	17	17	0	2.0	1.5	3.7	3.6	34990
5	916	919	-0.08	426	8.2	39	42	255	256	12.8	205	17	17	0	2.0	1.5	3.5	3.6	35060
5	916	919	-0.09	426	8.2	39	42	253	256	12.8	204	17	17	0	2.0	1.5	3.5	3.6	35130
5	916	919	-0.10	426	8.1	39	42	255	256	12.9	204	17	17	0	2.0	1.5	3.4	3.6	35200
5	916	918	-0.10	426	8.0	39	42	253	256	12.9	203	17	17	0	2.0	1.5	3.3	3.5	35270
5	920	918	-0.10	427	8.4	40	42	257	256	13.0	203	17	17	0	2.0	1.5	3.2	3.5	35340
5	921	918	-0.10	423	8.3	39	42	256	256	13.2	207	17	17	0	2.0	1.5	3.3	3.5	35410
5	923	918	-0.09	428	7.9	39	42	257	256	13.2	207	17	17	0	2.0	1.5	3.6	3.6	35480
5	924	918	-0.09	426	7.8	38	42	256	256	13.2	207	17	17	0	2.0	1.6	8.7	3.6	35540
5	923	918	-0.09	423	7.8	38	42	258	256	13.1	207	17	17	0	2.0	1.6	9.0	3.6	35600
5	923	919	-0.10	422	7.4	37	42	257	256	13.1	206	17	17	0	2.0	1.6	8.9	3.6	35660
5	923	919	-0.09	423	7.6	39	42	257	256	13.1	206	17	17	0	2.0	1.6	8.7	3.6	35720
5	923	919	-0.10	425	7.7	38	42	253	256	13.0	204	17	17	0	2.0	1.6	8.6	3.6	35780

or KILN #1 03/13 00

	B-END		KILN PRESS	BH TEMP	BH DP	CO		ID FAN		OXYGEN	RECIRC.	SHALE FEED		LIME FLOW	USED OIL		RECIRC.		WWTP
	deg F	deg F	inch WC	Deg F	inch WC	PPM	PPM	Amps	Amps	%	GPM	TPH	TPH	1=NO 0=YES	GPM	GPM	PH	PH	GALS
	CNT.	HRA				CNT.	HRA	CNT.	HRA			CNT.	HRA				CNT.	HRA	
2	923	919	-0.11	427	7.5	39	42	255	256	13.8	208	17	17	0	2.2	1.6	8.5	8.5	35520
8	923	919	-0.10	427	7.7	37	42	255	256	13.9	208	17	17	0	2.3	1.6	8.4	8.5	35580
8	924	919	-0.10	426	7.8	37	42	257	256	13.9	208	18	17	0	2.2	1.6	8.3	8.5	35630
7	924	919	-0.10	425	7.9	37	41	255	256	13.9	208	17	17	0	2.2	1.7	8.2	8.5	35690
7	923	919	-0.10	424	7.5	39	42	256	256	13.9	207	17	17	0	2.0	1.7	8.1	8.5	35740
7	923	919	-0.10	424	8.2	38	42	256	256	13.9	207	17	17	0	2.0	1.7	8.5	8.5	35800
7	923	919	-0.10	424	8.0	39	41	254	256	13.9	207	16	17	0	2.0	1.7	8.7	8.5	35850
6	922	919	-0.10	424	8.0	40	42	254	256	13.3	206	17	17	0	2.0	1.7	8.8	8.6	35910
6	921	919	-0.11	424	8.0	41	42	257	256	13.6	206	17	17	0	2.0	1.7	8.8	8.6	35970
6	921	919	-0.10	423	7.9	42	41	255	256	14.2	205	17	17	0	1.5	1.7	8.7	8.6	36020
6	919	919	-0.10	423	8.1	44	41	254	256	14.0	205	17	17	0	1.2	1.7	8.6	8.6	36080
6	917	919	-0.10	422	8.0	44	42	253	256	14.2	204	17	17	0	1.2	1.7	8.5	8.6	36130
6	916	919	-0.10	423	8.0	46	42	255	256	14.1	204	17	17	0	1.6	1.7	8.4	8.5	36190
6	916	919	-0.10	425	7.9	40	42	254	256	13.6	203	17	17	0	1.5	1.7	8.3	8.5	36250
6	916	919	-0.11	427	8.0	41	42	255	256	13.6	203	17	17	0	1.6	1.7	8.3	8.5	36300
6	915	919	-0.10	428	8.0	42	42	254	256	13.6	206	17	17	0	1.5	1.7	8.2	8.5	36360
6	914	919	-0.10	427	8.0	41	42	258	256	13.6	207	17	17	0	1.4	1.7	8.4	8.5	36410
6	914	918	-0.10	425	8.2	41	42	257	256	13.7	207	17	17	0	1.5	1.7	8.6	8.5	36460
6	914	918	-0.10	424	7.9	38	42	255	256	13.6	206	17	17	0	1.5	1.7	8.8	8.5	36520
6	913	918	-0.10	423	8.2	39	42	255	256	13.6	207	17	17	0	1.5	1.7	8.9	8.5	36580
6	912	918	-0.10	422	8.1	39	42	256	256	13.6	206	17	17	0	1.5	1.7	8.8	8.6	36630
6	912	918	-0.10	423	8.1	41	42	257	256	13.6	205	17	17	0	1.5	1.7	8.7	8.6*	36690
6	912	918	-0.09	425	7.9	41	42	254	256	13.5	204	17	17	0	1.5	1.7	8.6	8.6	36750
6	912	918	-0.09	426	8.2	42	42	254	256	13.6	204	17	17	0	1.5	1.7	8.5	8.5	36800
7	913	918	-0.10	426	8.1	42	42	254	256	13.6	204	17	17	0	1.4	1.7	8.4	8.5	36860
7	912	918	-0.10	427	7.9	44	42	254	256	13.3	203	19	17	0	1.2	1.7	8.3	8.5	36910
7	912	917	-0.08	427	8.1	45	42	255	256	13.9	205	17	17	0	1.2	1.7	8.3	8.5	36960
7	912	917	-0.10	425	8.2	48	42	256	256	14.2	207	17	17	0	1.2	1.7	8.3	8.5	37020
7	913	917	-0.10	423	6.9	47	42	257	256	14.1	207	17	17	0	1.2	1.6	8.3	8.5	37080
7	914	917	-0.10	423	6.3	42	42	253	256	13.7	206	17	17	0	1.2	1.6	8.5	8.5	37130
7	916	917	-0.10	424	6.8	42	42	258	256	13.8	206	17	17	0	1.2	1.6	8.3	8.5	37190
7	917	917	-0.10	426	6.9	42	42	258	256	13.9	206	17	17	0	1.2	1.6	8.4	8.5	37240

7	917	917	-0.10	425	7.3	45	42	255	256	14.0	205	17	17	0	1.5	1.6	3.3	3.5	37335
7	918	917	-0.08	425	7.3	42	42	255	256	13.7	204	17	17	0	1.5	1.6	3.7	3.6	37411
7	918	917	-0.10	425	7.4	39	42	256	256	13.5	204	17	17	0	1.7	1.6	3.6	3.5	37471
7	919	917	-0.09	426	7.8	40	42	254	256	13.8	204	17	17	0	1.7	1.6	3.5	3.5	37532
7	918	917	-0.09	426	7.6	41	42	256	256	13.2	203	17	17	0	1.7	1.6	3.4	3.6	37593
7	916	917	-0.08	425	7.7	43	42	256	256	13.4	205	17	17	0	1.6	1.6	3.4	3.5	37653
7	916	917	-0.08	426	8.0	40	42	256	256	13.3	207	17	17	0	1.6	1.6	3.5	3.5	37713
7	918	917	-0.09	425	7.7	40	42	257	256	13.4	206	17	17	0	1.6	1.6	3.2	3.5	37773
6	919	917	-0.08	426	7.9	39	42	255	256	13.4	206	17	17	0	1.6	1.6	3.2	3.5	37830
6	918	918	-0.08	424	7.8	39	42	255	256	13.4	205	17	17	0	1.6	1.7	3.4	3.5	37885
6	916	918	-0.09	424	8.1	42	42	255	256	13.3	206	17	17	0	1.6	1.6	3.3	3.5	37941
6	917	918	-0.09	424	8.1	42	42	255	256	14.0	206	17	17	0	1.3	1.6	9.0	3.5	37997
6	917	918	-0.08	424	8.1	40	42	252	256	13.5	205	17	17	0	1.5	1.6	9.0	3.6	38052
6	917	918	-0.08	424	7.9	40	42	256	256	13.4	205	17	17	0	1.5	1.6	8.9	3.6	38108
6	918	918	-0.09	424	8.0	37	42	254	256	13.2	205	17	17	0	1.5	1.6	8.9	3.6	38163
6	918	918	-0.10	424	8.0	39	42	255	256	13.3	204	17	17	0	1.4	1.6	8.8	3.6	38219
6	918	918	-0.10	424	7.8	38	42	257	256	13.3	204	17	17	0	1.5	1.6	8.7	3.6	38274
6	918	918	-0.10	423	8.0	38	42	254	256	13.3	204	17	17	0	1.5	1.6	8.6	3.6	38330
5	916	918	-0.11	423	7.9	42	42	256	256	13.3	206	17	17	0	1.2	1.6	8.5	3.6	38385
4	915	918	-0.11	423	7.7	47	42	256	256	14.3	207	17	17	0	1.2	1.6	8.4	3.6	38441
3	913	918	-0.10	425	7.7	53	42	257	256	16.2	205	17	17	0	1.2	1.5	8.3	3.6	38497
2	909	918	-0.11	427	6.3	77	43	259	256	16.6	205	17	17	0	1.2	1.5	8.3	3.6	38552
2	908	917	-0.10	429	6.7	78	44	259	256	16.8	205	17	17	0	1.1	1.5	8.2	3.6	38608
2	906	917	-0.11	427	6.9	55	44	258	256	15.1	205	17	17	0	0.2	1.5	8.3	3.6	38663
2	907	917	-0.11	425	7.1	47	44	258	256	14.2	205	17	17	0	0.0	1.5	8.6	3.6	38693
2	910	916	-0.12	424	7.4	33	44	261	256	11.8	205	17	17	0	0.0	1.4	8.8	3.6	38750
2	912	916	-0.12	422	7.4	31	44	257	256	11.6	205	17	17	0	0.6	1.4	8.9	3.6	38800

or KILN #1 03 15/95

	B-END		KILN PRESS	BH TEMP	BH DP	CO		ID FAN		OXYGEN	RECIRC	SHALE FEED		LIME FLOW	USED OIL		RECIRC.		WWTP
	deg F	deg F	inch WC	deg F	inch WC	PPM	PPM	Amps	Amps	%	GPM	TPH	TPH	1=NC 0=YES	GPM	GPM	PH	PH	GALS
	CNT.	HRA				CNT.	HRA	CNT.	HRA			CNT.	HRA		CNT.	HRA	CNT.	HRA	
2	913	916	-0.11	422	7.5	32	44	253	256	11.7	205	17	17	0	0.5	1.4	8.8	3.6	38860
2	913	916	-0.10	423	7.7	42	44	257	256	13.2	206	17	17	0	0.0	1.3	8.7	3.6	38920
1	912	916	-0.10	424	7.6	46	44	253	256	13.3	207	17	17	0	0.0	1.3	8.7	3.6	38979
1	912	916	-0.10	427	7.5	50	44	257	256	13.3	206	17	17	0	0.0	1.3	8.5	3.6	39029
2	912	915	-0.09	429	7.9	49	44	254	256	13.5	205	17	17	0	0.2	1.2	8.4	3.6	39083
2	913	915	-0.08	427	7.9	42	44	257	256	12.9	205	17	17	0	0.2	1.2	8.3	3.6	39139
2	913	915	-0.09	424	7.7	44	45	253	256	13.0	204	17	17	0	0.1	1.2	8.2	3.6	39194
2	914	915	-0.09	422	7.9	46	45	256	256	13.1	204	17	17	0	0.1	1.2	8.2	3.6	39249
2	913	915	-0.09	422	7.8	48	45	254	256	13.2	205	17	17	0	0.1	1.1	8.5	3.6	39305
2	914	915	-0.09	423	7.7	50	45	254	256	13.4	205	17	17	0	0.1	1.1	8.6	3.6	39360
2	913	915	-0.10	426	7.8	48	45	254	256	13.1	206	17	17	0	0.5	1.1	8.9	3.6	39410
3	915	915	-0.09	429	7.8	40	45	252	256	12.2	205	17	17	0	0.3	1.1	9.0	3.6	39479
3	914	915	-0.10	428	7.9	45	45	257	256	12.8	205	17	17	0	0.0	1.0	8.9	3.6	39520

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3	914	914	-0.09	426	7.8	46	45	255	256	12.9	205	17	17	0	0.0	1.0	8.8	3.6	3955
2	914	914	-0.10	425	8.0	48	45	256	256	13.1	208	17	17	0	0.0	1.0	8.7	3.6	3964
2	913	914	-0.10	424	7.6	50	45	256	256	13.5	207	17	17	0	0.0	1.0	8.5	3.6	3969
2	912	914	-0.11	423	6.1	52	45	259	256	13.7	206	17	17	0	0.0	0.9	2.4	3.6	3975
2	914	914	-0.10	422	6.7	53	46	253	256	14.0	205	17	17	0	0.0	0.9	3.3	3.6	3980
2	912	914	-0.11	423	6.8	57	46	257	256	14.1	205	17	17	0	0.0	0.9	3.3	3.6	3986
2	912	914	-0.11	425	7.1	56	46	257	256	14.1	204	17	17	0	0.0	0.9	3.2	3.6	3991
2	911	914	-0.11	426	7.2	55	46	255	256	14.0	204	17	17	0	0.0	0.8	3.3	3.6	3997
2	911	914	-0.11	427	7.5	53	47	255	256	13.9	204	17	17	1	0.0	0.8	3.6	3.6	4002
2	910	914	-0.12	428	7.4	55	47	254	256	13.9	205	17	17	1	0.0	0.8	3.5	3.6	4008
2	910	914	-0.11	427	7.5	56	47	255	256	13.9	205	17	17	0	0.0	0.8	9.0	3.6	4013
2	909	914	-0.11	426	7.7	50	47	254	256	13.8	205	17	17	0	0.0	0.7	9.0	3.6	4019
2	908	914	-0.11	422	7.7	50	47	253	256	13.2	206	17	17	0	0.0	0.7	3.9	3.6	4025
3	907	914	-0.11	422	7.7	47	47	255	256	13.1	203	17	17	0	0.0	0.7	8.3	3.6	4031
3	908	914	-0.10	424	7.6	47	47	255	256	13.1	207	17	17	0	0.0	0.7	8.7	3.6	4037
3	908	914	-0.08	426	7.6	46	47	255	256	12.9	206	17	17	0	0.0	0.7	3.6	3.6	4042
2	907	914	-0.09	427	7.9	49	47	255	256	13.2	205	17	17	0	0.0	0.6	3.4	3.6	4048
2	907	914	-0.10	427	7.9	53	48	252	256	13.3	205	17	17	0	0.0	0.6	3.5	3.6	4055
2	907	914	-0.09	426	7.7	51	49	254	256	13.4	204	17	17	0	0.1	0.6	3.3	3.6	4060
2	905	913	-0.10	425	7.6	49	48	253	256	13.2	203	17	17	0	0.0	0.6	8.2	3.6	4066
2	905	913	-0.10	424	7.8	52	48	253	256	13.3	203	17	17	0	0.0	0.6	8.2	3.6	4072
2	904	913	-0.09	423	7.7	52	48	253	256	13.4	204	17	17	0	0.0	0.6	3.5	3.6	4078
2	903	912	-0.09	423	8.1	52	49	251	255	13.3	205	17	17	0	0.0	0.5	8.8	3.6	4084
2	903	912	-0.09	423	7.8	52	49	254	255	13.3	205	17	17	0	0.0	0.5	9.0	3.6	4090
2	902	912	-0.10	423	8.1	52	49	253	255	13.4	205	18	17	0	0.0	0.5	9.0	3.6	4096
2	901	912	-0.10	425	7.9	53	49	253	255	13.4	206	17	17	0	0.0	0.4	8.9	3.6	4102
3	901	911	-0.10	426	8.1	53	49	253	255	13.5	208	17	17	0	0.0	0.4	8.9	3.6	4108
3	902	911	-0.08	427	8.2	53	49	251	255	13.4	206	17	17	0	0.0	0.4	8.7	3.6	4114
3	903	911	-0.10	427	8.2	52	50	251	255	13.4	206	17	17	0	0.0	0.4	8.6	3.6	4120
3	902	910	-0.09	426	8.3	53	50	254	255	13.5	205	17	17	0	0.0	0.3	8.5	3.6	4126
3	901	910	-0.09	424	8.1	53	50	253	255	13.5	205	17	17	0	0.0	0.3	8.4	8.6	4132
3	900	910	-0.09	423	8.1	52	50	254	255	13.4	204	17	17	0	0.0	0.3	8.3	8.6	4138
3	900	910	-0.09	422	8.2	53	50	252	255	13.4	204	17	17	0	0.0	0.3	8.2	8.6	4144
3	901	909	-0.10	424	6.4	51	51	256	255	13.3	203	17	17	0	0.0	0.2	8.2	8.6	4150
3	904	909	-0.11	427	6.3	53	51	256	255	13.5	204	17	17	0	0.0	0.2	8.4	8.6	4155
3	906	909	-0.10	429	6.5	52	51	257	255	13.4	204	17	17	0	0.0	0.2	8.7	8.6	4161
3	907	909	-0.10	428	7.0	51	51	253	255	13.3	204	17	17	0	0.0	0.2	8.9	8.6	4167
3	907	909	-0.09	425	7.2	52	51	255	255	13.4	206	17	17	0	0.0	0.2	9.0	8.6	4173
3	906	908	-0.09	424	7.4	52	52	256	255	13.4	208	17	17	0	0.0	0.1	8.9	8.6	4179
4	906	908	-0.09	422	7.4	53	52	254	255	13.4	207	17	17	0	0.0	0.1	8.8	8.6	4185
5	905	908	-0.09	422	7.6	53	51	253	255	13.4	206	17	17	0	0.0	0.1	8.7	8.6	4191
6	904	908	-0.09	423	7.5	53	51	253	255	13.5	206	17	17	0	0.0	0.1	8.6	8.6	4197
6	903	908	-0.09	425	7.7	57	51	253	255	13.6	205	17	17	0	0.0	0.1	8.5	8.6	4203
6	903	908	-0.09	427	7.8	56	51	251	255	13.4	204	17	17	0	0.0	0.0	8.4	8.6	4209
6	903	908	-0.09	427	8.0	53	51	251	254	13.4	203	17	17	0	0.0	0.0	8.3	8.6	4215

			-0.09	426															
6	901	908	-0.09	424	7.7	53	52	253	254	13.4	206	17	17	0	0.0	0.0	8.2	8.6	4227

KILN #2 03 13 92

	B-END deg F CNT.	deg F HRA	KILN PRESS inch WC	BH TEMP deg F	BH DP inch WC	CO PPM CNT.	PPM HRA	ID FAN Amps CNT.	Amps HRA	OXYGEN %	RECIRC. GPM	SHALE FEED TPH CNT.	TPH HRA	LIME FLOW 1=NO 0=YES	USED OIL GPM CNT.	GPM HRA	RECIRC. PH CNT.	PH HRA	WWTP GALS
6	901	907	-0.10	422	8.1	55	52	249	254	13.4	207	17	17	0	0.0	0.0	8.5	8.6	4233
6	901	907	-0.11	423	7.9	55	52	253	254	13.4	207	17	17	0	0.0	0.0	8.7	8.6	4239
6	901	907	-0.10	424	8.1	56	52	252	254	13.5	207	17	17	0	0.1	0.0	8.9	8.6	4245
6	900	907	-0.10	425	7.9	56	52	249	254	13.6	207	17	17	0	0.0	0.0	8.9	8.6	4251
6	898	907	-0.12	425	8.1	57	53	251	254	13.7	206	17	17	0	0.0	0.0	8.8	8.6	4256
6	895	906	-0.10	425	7.9	57	53	250	254	13.7	206	17	17	0	0.0	0.0	8.7	8.6	4263
5	897	906	-0.10	426	8.1	55	53	250	254	13.4	205	17	17	0	0.0	0.0	8.5	8.6	4268
5	897	905	-0.11	425	6.3	55	53	254	254	13.2	205	17	17	0	0.0	0.0	8.5	8.6	4274
5	896	906	-0.12	426	6.1	52	53	254	254	13.3	204	17	17	0	0.0	0.0	8.4	8.6	4280
5	899	905	-0.12	427	6.6	53	53	252	254	13.5	203	17	17	0	0.0	0.0	8.3	8.6	4286
5	902	905	-0.11	428	6.3	52	53	254	254	13.4	205	17	17	0	0.0	0.0	8.2	8.6	4292
5	902	905	-0.10	428	7.1	53	54	255	254	13.4	207	17	17	0	0.0	0.0	8.2	8.6	4298
5	901	905	-0.10	426	7.3	53	54	254	254	13.4	207	17	17	0	0.0	0.0	8.3	8.6	4304
5	902	904	-0.10	425	7.4	53	54	254	254	13.3	207	17	17	0	0.0	0.0	8.6	8.6	4310
5	902	904	-0.09	424	7.7	50	54	252	253	13.1	207	17	17	0	0.0	0.0	8.9	8.6	4316
5	903	904	-0.09	423	7.7	51	54	252	253	13.1	207	17	17	0	0.0	0.0	9.0	8.6	4322
5	903	904	-0.10	422	7.6	50	54	255	253	12.9	206	17	17	0	0.0	0.0	8.9	8.6	4328
5	904	904	-0.09	423	7.5	49	54	253	253	12.6	206	17	17	0	0.0	0.0	8.8	8.6	4334
5	904	904	-0.10	424	7.7	50	54	252	253	12.8	205	17	17	0	0.0	0.0	8.7	8.6	4340
5	903	904	-0.10	425	7.5	55	54	250	253	13.5	205	17	17	0	0.0	0.0	8.5	8.6	4346
5	903	903	-0.10	425	7.5	58	54	250	253	13.6	204	17	17	0	0.0	0.0	8.4	8.6	4352
5	902	903	-0.09	425	7.6	61	54	252	253	14.0	204	17	17	0	0.0	0.0	8.3	8.6	4358
5	901	903	-0.09	425	7.8	60	54	253	253	13.9	207	17	17	0	0.0	0.0	8.3	8.6	4363
5	900	903	-0.09	425	7.7	58	54	251	253	13.8	206	17	17	0	0.0	0.0	8.2	8.6	4370
5	899	903	-0.10	425	8.0	59	54	252	253	13.8	206	17	17	0	0.0	0.0	8.2	8.6	4376
5	898	903	-0.10	425	7.8	60	54	250	253	13.9	206	17	17	0	0.0	0.0	8.4	8.6	4381
4	897	902	-0.11	425	8.0	66	55	253	253	14.6	206	17	17	0	0.0	0.0	8.6	8.6	4387
4	894	902	-0.10	424	8.0	66	55	252	253	14.3	206	17	17	0	0.0	0.0	8.9	8.6	4393
3	892	902	-0.11	424	7.9	70	55	251	253	15.1	206	17	17	0	0.0	0.0	9.0	8.6	4399
4	891	902	-0.09	424	8.0	73	56	254	253	14.9	206	17	17	0	0.0	0.0	8.9	8.6	4405
3	892	901	-0.10	424	7.9	52	56	253	253	13.0	206	17	17	0	0.1	0.0	8.9	8.6	4411
3	894	901	-0.08	424	8.2	53	56	250	253	12.9	205	17	17	0	0.0	0.0	8.8	8.6	4417

896	901	-0.07	423	8.0	56	56	249	253	13.4	204	17	17	0	0.0	0.0	8.6	8.6	44290
896	901	-0.08	423	8.1	57	56	252	253	13.5	205	17	17	0	0.0	0.0	8.5	8.6	44350
896	901	-0.08	423	7.5	57	56	254	253	13.6	207	17	17	0	0.0	0.0	8.5	8.6	44400
898	901	-0.08	425	6.4	56	56	255	253	13.5	206	17	17	0	0.0	0.0	8.4	8.6	44460
902	901	-0.07	426	6.6	57	56	256	253	13.9	205	17	17	0	0.0	0.0	8.3	8.6	44530
903	901	-0.07	428	7.0	60	56	255	253	14.0	205	17	17	0	0.0	0.0	8.2	8.6	44590
905	901	-0.07	428	7.0	60	56	254	253	14.1	204	17	17	0	0.0	0.0	8.2	8.6	44640
905	901	-0.07	426	7.2	57	56	254	253	13.8	205	17	17	0	0.0	0.0	8.4	8.5	44700
907	901	-0.07	425	7.5	49	56	252	253	13.0	205	17	17	0	0.0	0.0	8.7	8.6	44760
906	901	-0.07	424	7.6	48	56	252	253	12.9	205	17	17	0	0.0	0.0	8.9	8.6	44820
907	901	-0.07	423	7.9	44	56	252	253	12.7	205	17	17	0	0.0	0.0	9.0	8.6	44880
907	901	-0.07	423	7.6	42	56	253	253	12.4	205	17	17	0	0.0	0.0	8.9	8.6	44940
908	901	-0.06	423	7.8	41	56	251	253	12.3	204	17	17	0	0.0	0.0	8.8	8.6	45000
909	901	-0.15	424	7.7	44	56	252	253	12.3	205	17	17	0	0.0	0.0	8.7	8.6	45060
909	902	-0.08	426	7.9	47	56	253	253	12.8	207	17	17	0	0.0	0.0	8.7	8.6	45120
909	902	-0.07	427	8.0	48	55	251	252	12.9	206	17	17	0	0.0	0.0	8.5	8.6	45180
908	902	-0.07	427	8.1	54	56	251	252	13.6	206	13	17	0	0.0	0.0	8.4	8.6	45240
907	902	-0.06	426	8.0	58	56	252	252	13.6	205	17	17	0	0.0	0.0	8.3	8.6	45300
905	902	-0.06	425	7.9	56	56	251	252	13.2	204	17	17	0	0.0	0.0	8.2	8.6	45360
904	902	-0.07	424	8.1	64	56	247	252	14.2	204	17	17	0	0.0	0.0	8.2	8.6	45420
903	901	-0.11	423	8.1	50	56	250	252	13.0	204	17	17	0	0.0	0.0	8.3	8.5	45480
903	901	-0.12	422	8.1	46	56	248	252	12.4	205	17	17	0	0.0	0.0	8.6	8.5	45530
902	901	-0.13	423	7.9	47	56	250	252	12.4	205	17	17	0	0.0	0.0	8.9	8.6	45600
901	901	-0.15	424	7.9	46	55	249	252	12.5	204	16	17	0	0.0	0.0	9.0	8.6	45660
899	901	-0.22	425	7.8	46	55	249	252	12.4	204	17	17	0	0.0	0.0	8.9	8.6	45710
895	901	-0.17	425	8.1	45	55	248	252	12.3	204	17	17	0	0.0	0.0	8.8	8.6	45770
894	901	-0.18	425	8.3	46	55	248	252	12.5	203	17	17	0	0.0	0.0	8.8	8.6	45830

or KILN #1 03/19/98

B-END		KILN PRESS	BH TEMP	BH DP	CO		ID FAN		OXYGEN	RECIRC.	SHALE FEED		LIME FLOW	USED OIL		RECIRC.		WWTP
deg F	deg F	inch WC	deg F	inch WC	PPM	PPM	Amps	Amps	%	GPM	TPH	TPH	1=NO 0=YES	GPM	GPM	PH	PH	GALS
CNT.	HRA				CNT.	HRA	CNT.	HRA			CNT.	HRA		CNT.	HRA	CNT.	HRA	
892	901	-0.15	425	7.2	50	55	250	252	12.9	206	17	17	0	0.0	0.0	8.7	8.6	45890
892	901	-0.12	425	6.6	52	55	254	252	13.2	206	17	17	0	0.0	0.0	8.6	8.6	45950
894	901	-0.12	427	6.7	56	55	255	252	13.8	205	17	17	0	0.0	0.0	8.5	8.6	46010
894	901	-0.11	427	6.9	56	55	252	252	13.8	204	17	17	0	0.0	0.0	8.4	8.6	46070
897	901	-0.11	428	7.1	51	55	254	252	13.1	204	17	17	0	0.0	0.0	8.4	8.6	46130
899	901	-0.09	426	7.3	46	55	251	252	12.5	203	17	17	0	0.0	0.0	8.3	8.6	46190
900	901	-0.12	425	7.3	46	54	248	252	12.4	202	17	17	0	0.0	0.0	8.2	8.6	46250
901	901	-0.11	424	7.2	46	54	249	252	12.4	202	17	17	0	0.0	0.0	8.2	8.6	46310
900	901	-0.11	423	7.5	49	54	251	252	12.7	202	17	17	0	0.0	0.0	8.4	8.6	46370
899	901	-0.11	422	7.6	53	54	250	252	13.0	203	17	17	0	0.0	0.0	8.7	8.6	46430
897	901	-0.12	422	7.8	53	54	252	252	13.0	203	17	17	0	0.0	0.0	8.9	8.6	46490
897	901	-0.11	424	7.7	53	54	253	252	12.9	203	17	17	0	0.0	0.0	8.9	8.6	46540
897	901	-0.10	425	7.7	53	54	251	252	13.0	206	17	17	0	0.0	0.0	9.0	8.6	46600
896	900	-0.11	426	7.7	55	54	253	252	13.0	207	17	17	0	0.0	0.0	8.9	8.6	46660
897	900	-0.11	426	8.0	56	54	250	252	13.2	206	17	17	0	0.0	0.0	8.8	8.6	46720
896	900	-0.11	426	7.7	56	54	252	252	13.1	205	17	17	0	0.0	0.0	8.7	8.6	46780
895	900	-0.10	426	7.9	55	55	252	252	13.1	204	17	17	0	0.0	0.0	8.6	8.6	46840
895	900	-0.11	425	8.0	55	55	248	252	13.1	203	17	17	0	0.0	0.0	8.5	8.6	46900
894	900	-0.11	425	7.8	55	55	250	251	13.1	203	17	17	0	0.0	0.0	8.4	8.6	46960
895	899	-0.11	425	8.1	53	55	251	251	13.1	203	17	17	0	0.0	0.0	8.4	8.6	47020
894	899	-0.11	425	8.1	52	55	249	251	13.0	202	17	17	0	0.0	0.0	8.3	8.6	47080
894	899	-0.12	424	7.9	48	54	250	251	12.5	203	17	17	0	0.0	0.0	8.2	8.6	47140
894	899	-0.12	424	8.0	46	54	254	251	12.4	207	17	17	0	0.0	0.0	8.3	8.6	47200
895	899	-0.11	425	8.0	48	54	251	251	12.6	207	17	17	0	0.0	0.0	8.5	8.6	47260
895	899	-0.11	424	8.1	51	54	250	251	13.0	206	17	17	0	0.0	0.0	8.6	8.6	47320
894	899	-0.11	424	8.2	52	54	251	251	13.0	206	17	17	0	0.0	0.0	8.6	8.6	47380
894	899	-0.12	424	8.1	52	53	252	251	12.9	205	17	17	0	0.0	0.0	8.7	8.6	47440
895	899	-0.13	425	8.2	52	53	251	251	12.9	205	17	17	0	0.0	0.0	8.7	8.6	47490

394	399	-0.12	425	8.2	52	53	251	251	13.2	204	17	17	0	0.0	0.0	3.6	3.6	47611
394	399	-0.12	425	7.3	52	52	251	251	13.0	203	17	17	0	0.0	0.0	3.5	3.6	47671
396	399	-0.12	426	8.1	53	53	254	251	13.1	203	17	17	0	0.0	0.0	3.4	3.6	47731
397	399	-0.11	427	8.7	53	53	252	251	13.0	202	17	17	0	0.0	0.0	3.4	3.6	47791
398	399	-0.12	428	8.9	53	52	253	251	12.9	203	17	17	0	0.0	0.0	3.3	3.6	47851
399	399	-0.12	427	7.3	55	52	252	251	13.2	206	17	17	0	0.0	0.0	3.3	3.6	47911
398	399	-0.12	426	7.3	56	52	257	251	13.4	206	17	17	0	0.0	0.0	3.2	3.6	47970
398	399	-0.12	424	7.6	61	53	253	251	13.6	206	17	17	0	0.0	0.0	3.3	3.6	48030
397	399	-0.11	423	7.6	63	53	251	251	14.5	205	17	17	0	0.0	0.0	3.6	3.6	48090
396	399	-0.11	422	7.6	59	53	252	251	13.6	206	17	17	0	0.0	0.0	3.9	3.6	48150
396	399	-0.11	422	7.7	53	52	253	251	13.1	206	17	17	0	0.0	0.0	3.9	3.6	48210
396	399	-0.12	424	7.7	52	53	251	251	12.9	205	17	17	0	0.0	0.0	3.9	3.6	48270
396	398	-0.12	425	7.7	52	52	251	251	12.8	205	17	17	0	0.0	0.0	3.8	3.6	48330
395	398	-0.14	426	7.9	53	53	252	251	12.8	204	17	17	0	0.0	0.0	3.7	3.6	48390
394	398	-0.12	427	7.3	57	52	253	251	13.4	204	17	17	0	0.0	0.0	3.7	3.6	48450
394	398	-0.12	426	7.7	57	53	250	251	13.4	203	17	17	0	0.0	0.0	3.6	3.6	48510
394	398	-0.11	427	7.9	50	53	250	251	12.7	202	17	17	0	0.0	0.0	3.5	3.6	48570
394	397	-0.11	427	7.3	49	53	253	251	12.5	206	17	17	0	0.0	0.0	3.5	3.6	48630
394	397	-0.10	427	7.9	48	53	252	251	12.6	207	17	17	0	0.0	0.0	3.4	3.6	48690
393	397	-0.11	427	8.1	49	53	251	251	12.5	205	17	17	0	0.0	0.0	3.3	3.6	48750
393	397	-0.11	426	8.1	50	53	251	251	12.6	205	17	17	0	0.0	0.0	3.2	3.6	48810
394	396	-0.10	424	7.9	49	53	251	251	12.6	204	17	17	0	0.0	0.0	3.2	3.6	48870
394	396	-0.11	423	7.9	49	53	249	251	0.0	205	17	17	0	0.0	0.0	3.3	3.6	48930
394	396	-0.11	422	8.1	50	53	250	251	0.0	205	17	17	0	0.0	0.0	3.6	3.6	48990
393	396	-0.11	423	8.2	50	53	251	251	12.3	206	17	17	0	0.0	0.0	3.9	3.6	49040
393	396	-0.10	424	8.0	56	53	250	251	13.0	205	17	17	0	0.0	0.0	3.8	3.6	49100
392	396	-0.12	424	7.9	53	53	249	251	13.0	205	17	17	0	0.0	0.0	3.9	3.6	49160
392	395	-0.11	426	8.1	52	53	253	251	13.1	204	17	17	0	0.0	0.0	3.9	3.6	49220
391	395	-0.11	427	8.1	53	53	252	251	13.0	204	17	17	0	0.0	0.0	3.8	3.6	49280
392	395	-0.12	427	7.6	53	53	250	251	12.8	203	17	17	0	0.0	0.0	3.7	3.6	49340
391	395	-0.13	426	8.3	53	53	254	251	13.2	204	17	17	0	0.0	0.0	3.6	3.6	49399

r KILN #1 03/18/98

B-END deg F CNT.	deg F HRA	KILN PRESS inch WC	BH TEMP deg F	BH DP inch WC	CO PPM CNT.	PPM HRA	ID FAN Amps CNT.	Amps HRA	OXYGEN %	RECIRC. GPM	SHALE FEED TPH CNT.	TPH HRA	LIME FLOW 1=NO 0=YES	USED OIL GPM CNT.	GPM HRA	RECIRC. PH CNT.	PH HRA	WWTP GALS
893	895	-0.13	427	6.5	53	53	255	252	13.2	207	17	17	0	0.0	0.0	8.6	8.6	49450
894	895	-0.13	427	6.7	53	54	255	252	13.2	206	17	17	0	0.0	0.0	8.5	8.6	49510
895	895	-0.12	426	7.0	53	53	251	252	13.2	205	17	17	0	0.0	0.0	8.4	8.6	49570
895	895	-0.12	425	7.3	51	53	252	251	13.1	205	17	17	0	0.0	0.0	8.3	8.6	49630
894	895	-0.12	424	7.4	49	53	252	251	12.9	204	17	17	0	0.0	0.0	8.3	8.6	49690
895	895	-0.11	424	7.5	49	53	253	251	12.8	203	17	17	0	0.0	0.0	8.2	8.6	49750
895	895	-0.11	424	7.7	48	53	249	252	12.7	203	17	17	0	0.0	0.0	8.2	8.6	49810
895	895	-0.11	424	7.5	47	53	252	252	12.5	204	17	17	0	0.0	0.0	8.4	8.6	49860
895	895	-0.12	424	7.7	47	53	251	252	12.5	204	17	17	0	0.0	0.0	8.7	8.6	49930
895	895	-0.11	424	7.8	49	53	253	252	12.6	204	17	17	0	0.0	0.0	8.8	8.6	49990
894	895	-0.12	424	7.9	49	53	253	252	12.6	204	17	17	0	0.0	0.0	8.9	8.6	50040
894	895	-0.12	424	7.8	50	53	250	252	12.6	203	17	17	0	0.0	0.0	8.9	8.6	50100
892	895	-0.11	424	7.9	48	53	250	252	12.6	203	17	17	0	0.0	0.0	8.8	8.6	50160
892	895	-0.11	423	8.1	48	53	252	252	12.6	206	17	17	0	0.0	0.0	8.8	8.6	50220
893	894	-0.11	423	7.9	49	53	249	252	12.6	207	17	17	0	0.0	0.0	8.7	8.6	50280
893	894	-0.12	423	7.8	49	53	250	251	12.7	206	17	17	0	0.0	0.0	8.6	8.6	50340
894	894	-0.12	423	7.9	49	53	252	251	12.6	205	17	17	0	0.0	0.0	8.5	8.6	50400
894	894	-0.11	424	7.8	50	53	250	252	12.7	205	17	17	0	0.0	0.0	8.5	8.6	50460
893	894	-0.10	425	7.8	50	52	250	252	12.7	204	17	17	0	0.0	0.0	8.4	8.6	50520
893	894	-0.10	426	8.1	51	52	249	251	12.8	203	17	17	0	0.0	0.0	8.3	8.6	50580
893	894	-0.10	426	8.0	53	52	253	252	12.9	203	17	17	0	0.0	0.0	8.3	8.6	50640
893	894	-0.10	427	8.2	53	53	249	252	13.1	202	17	17	0	0.0	0.0	8.2	8.6	50700
893	894	-0.10	427	8.1	56	53	249	251	13.2	203	17	17	0	0.0	0.0	8.3	8.6	50750
893	894	-0.10	425	7.9	57	53	250	251	13.3	203	17	17	0	0.0	0.0	8.6	8.6	50810
892	894	-0.10	424	8.2	57	53	252	251	13.4	204	17	17	0	0.0	0.0	8.7	8.6	50870
890	894	-0.10	424	8.3	60	53	252	251	13.5	204	17	17	0	0.0	0.0	8.8	8.6	50930
890	894	-0.11	424	7.9	61	53	249	251	13.5	205	17	17	0	0.0	0.0	8.9	8.6	50990
888	894	-0.11	423	8.2	61	53	253	251	13.6	207	17	17	0	0.0	0.0	8.9	8.6	51050
889	894	-0.12	423	6.3	60	54	256	252	13.6	206	17	17	0	0.0	0.0	8.8	8.6	51110
890	894	-0.10	424	6.4	61	54	256	252	13.8	206	17	17	0	0.0	0.0	8.8	8.6	51170
[illegible]	[illegible]	-0.11	425	[illegible]	58	54	251	252	13.4	205	17	17	0	0.0	0.0	8.7	8.6	51230
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	252	[illegible]	205	17	17	0	0.0	0.0	8.6	8.6	51290

907	906	-0.06	423	9.5	39	40	250	251	13.4	205	17	17	0	0.6	0.7	8.6	8.6	24000
906	906	-0.07	424	9.2	42	39	252	251	13.3	207	17	17	0	0.6	0.7	8.5	8.6	24060
907	906	-0.08	424	9.3	45	40	252	251	14.0	207	17	17	0	0.6	0.7	8.3	8.6	24110
908	906	-0.07	426	9.2	39	39	250	251	13.1	207	17	17	0	0.5	0.7	8.1	8.6	24170
910	906	-0.07	426	9.2	39	39	249	251	13.0	206	17	17	0	0.4	0.6	8.1	8.6	24230
911	906	-0.08	427	9.1	39	39	251	251	13.2	206	17	17	0	0.4	0.6	8.3	8.6	24280
912	906	-0.08	427	9.1	40	39	250	251	13.2	207	17	17	0	0.4	0.6	8.8	8.6	24340
912	906	-0.07	427	9.2	40	39	249	251	13.2	207	17	17	0	0.4	0.6	9.1	8.6	24390
911	906	-0.07	427	9.2	41	39	250	251	13.4	207	17	17	0	0.4	0.6	9.0	8.6	24450
912	906	-0.10	426	9.2	41	40	250	251	13.4	206	17	17	0	0.5	0.6	8.9	8.6	24500
910	906	-0.07	425	9.3	41	40	250	251	13.6	206	17	17	0	0.5	0.6	8.8	8.6	24560
909	906	-0.07	424	9.6	42	40	253	251	13.6	205	17	17	0	0.4	0.6	8.7	8.6	24620
908	906	-0.06	424	9.2	41	40	250	251	13.4	205	17	17	0	0.5	0.6	8.5	8.6	24670
909	906	-0.06	423	9.3	39	40	251	251	13.5	204	17	17	0	0.5	0.5	8.4	8.6	24730
910	906	-0.07	423	9.3	37	40	253	251	13.2	204	17	17	0	0.5	0.5	8.3	8.6	24780
910	906	-0.07	423	9.5	36	40	249	251	13.3	205	17	17	0	0.5	0.5	8.2	8.6	24840
910	906	-0.07	423	9.5	40	40	249	251	13.5	207	18	17	0	0.5	0.5	8.4	8.6	24890
911	907	-0.06	424	9.2	41	40	250	251	13.6	208	17	17	0	0.4	0.5	8.7	8.6	24950
911	907	-0.06	425	9.3	45	40	250	251	13.9	207	17	17	0	0.4	0.5	8.7	8.6	25000
911	907	-0.06	425	9.4	45	41	252	251	14.1	207	17	17	0	0.5	0.4	8.6	8.6	25060
911	907	-0.07	426	9.2	42	40	251	251	13.8	206	17	17	0	0.4	0.4	8.5	8.6	25120
911	907	-0.06	426	9.5	42	40	252	251	13.6	206	17	17	0	0.4	0.4	8.4	8.6	25170
911	907	-0.06	426	9.2	41	40	250	251	13.5	205	17	17	0	0.4	0.4	8.3	8.6	25230
911	907	-0.07	426	9.2	40	40	253	251	13.4	205	17	17	0	0.4	0.4	8.2	8.6	25290
911	907	-0.07	427	9.2	42	42	252	251	13.6	204	17	17	0	0.4	0.4	8.3	8.6	25340
910	907	-0.06	427	9.6	42	41	251	251	13.6	205	17	17	0	0.4	0.4	8.6	8.6	25400
910	907	-0.06	426	9.6	42	40	252	251	13.4	205	17	17	0	0.6	0.4	8.9	8.6	25450

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B-END		KILN PRESS	BH TEMP	BH DP	CO		ID FAN		OXYGEN	RECIRC.	SHALE FEED		LIME FLOW	USED OIL		RECIRC.		WWTP
deg F	deg F	inch WC	deg F	inch WC	PPM	PPM	Amps	Amps	%	GPM	TPH	TPH	1=NO 0=YES	GPM	GPM	PH	PH	GALS
CNT.	HRA				CNT.	HRA	CNT.	HRA			CNT.	HRA		CNT.	HRA	CNT.	HRA	
910	907	-0.07	426	9.4	53	40	250	251	13.3	205	17	17	0	0.7	0.4	8.9	8.6	25500
910	907	-0.08	426	9.5	61	42	251	251	13.3	205	17	17	0	0.7	0.4	8.8	8.6	25560
909	907	-0.08	425	9.4	47	42	252	251	13.7	207	17	17	0	0.6	0.4	8.7	8.6	25620
910	908	-0.09	425	7.1	42	41	258	251	13.5	207	17	17	0	0.6	0.4	8.5	8.6	25680
913	908	-0.09	423	6.3	41	41	260	252	13.7	207	17	17	0	0.6	0.5	8.4	8.6	25730
917	908	-0.09	429	6.8	42	41	257	252	14.1	206	17	17	0	0.5	0.5	8.3	8.6	25790
919	908	-0.09	429	7.2	44	41	257	252	14.2	205	17	17	0	0.5	0.5	8.2	8.6	25840
921	909	-0.07	427	7.5	42	41	257	252	13.9	205	17	17	0	0.9	0.5	8.2	8.6	25900
924	909	-0.07	425	7.5	37	41	256	252	13.0	205	17	17	0	0.8	0.5	8.6	8.6	25960
924	909	-0.08	425	8.0	36	41	258	252	12.6	205	17	17	0	0.8	0.5	8.9	8.6	26010
925	910	-0.08	425	7.6	36	42	257	252	12.8	206	13	17	0	0.8	0.5	8.9	8.6	26070
926	910	-0.07	425	7.6	36	42	257	252	12.8	205	17	17	0	0.8	0.5	8.8	8.6	26120
926	910	-0.08	425	7.9	35	41	257	252	12.7	205	17	17	0	0.7	0.5	8.7	8.6	26170
927	911	-0.07	424	8.2	37	41	256	252	12.8	206	17	17	0	0.7	0.5	8.6	8.6	26230
928	911	-0.07	424	8.0	36	41	255	252	13.0	207	17	17	0	0.7	0.5	8.4	8.6	26290
929	911	-0.08	425	8.1	37	41	258	252	13.0	206	17	17	0	0.7	0.5	8.2	8.6	26350
928	912	-0.08	424	8.3	41	41	257	253	13.7	205	17	17	0	0.7	0.5	8.1	8.6	26400
926	912	-0.08	423	8.3	44	42	256	253	13.9	206	17	17	0	0.1	0.5	8.2	8.6	26460
925	912	-0.09	422	6.8	51	41	260	253	14.7	206	17	17	0	0.0	0.5	8.6	8.6	26510
925	912	-0.09	424	6.9	61	42	259	253	15.4	206	17	17	0	0.0	0.5	9.0	8.6	26570
926	913	-0.09	428	7.2	53	42	259	253	14.6	206	17	17	0	0.0	0.5	9.1	8.6	26620
926	913	-0.09	429	7.0	50	42	259	253	14.3	206	17	17	0	0.0	0.5	9.0	8.6	26680
926	914	-0.09	427	7.4	50	42	259	253	14.2	206	17	17	0	0.4	0.5	8.9	8.6	26730
926	914	-0.09	424	7.6	46	43	257	253	13.9	205	17	17	0	0.5	0.5	8.8	8.6	26790
926	915	-0.10	422	7.9	47	43	258	253	14.0	205	17	17	0	0.4	0.5	8.6	8.6	26850
924	915	-0.09	421	7.7	48	43	255	253	14.0	206	17	17	0	0.4	0.5	8.5	8.6	26900
922	915	-0.09	423	7.8	48	43	258	254	14.0	208	17	17	0	0.4	0.5	8.4	8.6	26950
924	915	-0.12	425	7.8	43	43	257	254	13.6	207	17	17	0	0.7	0.5	8.3	8.6	27010
923	916	-0.11	428	8.0	44	44	256	254	13.5	206	17	17	0	0.7	0.5	8.2	8.6	27060
922	916	-0.10	429	8.1	44	44	257	254	13.6	206	17	17	0	0.6	0.5	8.2	8.6	27120
921	916	-0.09	426	8.1	44	44	258	254	13.6	206	17	17	0	0.5	0.5	8.4	8.6	27180
922	917	-0.10	425	8.3	45	44	257	254	13.6	206	17	17	0	0.5	0.5	8.9	8.6	27230

920	917	-0.09	423	8.1	45	44	258	254	13.6	206	17	17	0	0.4	0.5	9.0	8.6	27340
920	917	-0.09	422	8.1	45	44	257	254	13.7	206	17	17	0	0.4	0.5	8.9	8.6	27400
920	917	-0.09	423	8.3	47	44	257	254	13.8	205	17	17	0	0.4	0.5	8.3	8.6	27450
919	918	-0.08	425	8.2	49	44	258	255	14.0	205	17	17	0	0.4	0.5	8.6	8.6	27510
918	918	-0.08	426	8.2	50	44	255	255	14.0	205	17	17	0	0.6	0.5	8.5	8.6	27570
919	918	-0.08	426	8.3	47	45	255	255	13.7	208	17	17	0	0.5	0.5	8.4	8.6	27620
920	918	-0.08	428	8.3	53	45	257	255	14.1	207	17	17	0	0.4	0.5	8.3	8.6	27680
921	918	-0.09	429	6.8	52	45	259	255	13.6	206	17	17	0	0.8	0.5	8.2	8.6	27730
922	918	-0.08	427	6.6	53	45	261	255	13.6	205	17	17	0	0.7	0.5	8.2	8.6	27780
923	919	-0.09	425	6.9	64	46	261	255	13.8	206	17	17	0	0.8	0.5	8.3	8.6	27840
925	919	-0.09	424	7.1	59	46	258	255	13.5	206	17	17	0	0.9	0.5	8.8	8.6	27900
926	919	-0.09	423	7.4	58	46	261	256	13.6	206	17	17	0	0.8	0.5	9.1	8.6	27960
925	919	-0.09	423	7.5	56	46	258	256	13.7	206	17	17	0	0.8	0.5	9.1	8.6	28010
924	920	-0.09	424	7.6	54	47	256	256	13.7	205	17	17	0	0.8	0.5	8.9	8.6	28070
924	920	-0.09	426	7.5	51	47	258	256	13.6	205	17	17	0	0.8	0.5	8.8	8.6	28120
924	920	-0.09	428	7.8	48	47	258	256	13.5	205	17	17	0	0.8	0.5	8.7	8.6	28180
922	920	-0.08	428	7.7	48	47	256	256	13.7	205	17	17	0	0.8	0.6	8.6	8.6	28230
921	920	-0.08	424	7.9	47	47	257	256	13.8	208	17	17	0	0.8	0.6	8.5	8.6	28290
920	921	-0.09	421	8.1	47	47	258	256	13.9	207	17	17	0	0.8	0.6	8.4	8.6	28350
920	921	-0.09	422	8.1	47	47	255	256	14.0	206	17	17	0	0.8	0.6	8.3	8.6	28400
919	921	-0.08	424	8.0	44	47	256	257	13.6	205	17	17	0	0.8	0.6	8.2	8.6	28460
920	921	-0.09	426	8.1	39	47	255	257	12.8	205	17	17	0	0.8	0.6	8.2	8.6	28510
922	921	-0.09	429	7.9	39	47	258	257	12.7	206	17	17	0	0.8	0.6	8.6	8.6	28570
924	921	-0.09	428	8.0	39	47	257	257	12.9	206	17	17	0	0.8	0.6	9.0	8.6	28630
923	922	-0.08	426	7.9	39	47	258	257	13.1	206	17	17	0	0.8	0.6	9.1	8.6	28680
923	922	-0.09	422	8.1	42	47	257	257	13.5	205	17	17	0	0.8	0.6	8.9	8.6	28740
922	922	-0.08	421	8.0	41	47	256	257	13.2	205	17	17	0	0.8	0.6	8.8	8.6	28790

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B-END		KILN PRESS	SH TEMP	SH DP	CO		ID FAN		OXYGEN	RECIRC.	SHALE FEED		LIME FLOW	USED OIL		RECIRC.		WWTP
deg F	deg F	inch WC	deg F	inch WC	PPM	PPM	Amps	Amps	%	GPM	TPH	TPH	1=NO 0=YES	GPM	GPM	PH	PH	GALS
CNT.	HRA				CNT.	HRA	CNT.	HRA			CNT.	HRA		CNT.	HRA	CNT.	HRA	
924	922	-0.08	424	7.9	36	47	257	257	12.6	205	17	17	0	0.8	0.6	8.7	8.6	28850
924	922	-0.08	428	8.3	35	46	258	257	12.4	207	21	17	0	0.4	0.6	8.6	8.6	28900
922	923	-0.08	428	8.3	50	47	258	257	14.4	207	17	17	0	0.0	0.6	8.5	8.6	28960
922	923	-0.08	426	8.1	53	47	258	257	14.7	207	17	17	0	0.0	0.6	8.4	8.6	29010
921	923	-0.08	424	7.9	44	47	256	257	13.8	206	17	17	0	0.0	0.6	8.3	8.6	29070
921	923	-0.09	422	6.5	42	47	262	257	13.7	205	17	17	0	0.0	0.6	8.2	8.6	29120
921	923	-0.09	422	6.7	42	47	258	257	13.7	205	17	17	0	0.3	0.6	8.2	8.6	29180
923	923	-0.09	425	6.8	40	47	260	257	13.3	205	17	17	0	0.6	0.6	8.6	8.6	29240
923	923	-0.09	428	7.2	40	47	260	258	13.2	205	17	17	0	0.6	0.6	8.9	8.6	29290
925	923	-0.10	429	7.2	39	47	259	258	13.2	205	17	17	0	0.6	0.5	9.0	8.6	29350
926	923	-0.10	426	7.3	39	47	258	258	13.2	205	17	17	0	0.5	0.5	8.9	8.6	29400
926	923	-0.09	424	7.6	38	47	257	258	13.1	205	17	17	0	0.5	0.5	8.8	8.6	29460
926	923	-0.09	422	7.7	39	47	258	258	13.2	206	17	17	0	0.5	0.5	8.7	8.6	29510
925	923	-0.09	422	8.0	39	47	257	258	13.2	207	17	17	0	0.5	0.5	8.6	8.6	29570
924	923	-0.09	423	7.8	39	47	258	258	13.2	206	17	17	0	0.5	0.5	8.4	8.6	29630
924	923	-0.09	424	8.0	40	47	257	258	13.1	206	17	17	0	0.5	0.5	8.3	8.6	29680
924	923	-0.08	426	7.9	39	47	256	258	12.8	205	17	17	0	0.5	0.5	8.2	8.6	29740
925	923	-0.07	428	8.0	38	47	257	258	12.9	205	17	17	0	0.5	0.5	8.1	8.6	29790
925	923	-0.07	428	8.0	40	47	257	258	13.2	205	17	17	0	0.5	0.5	8.5	8.6	29850
925	923	-0.06	425	7.8	38	46	259	258	13.5	205	17	17	0	0.4	0.5	8.9	8.6	29900
925	923	-0.06	423	8.3	38	46	256	258	13.5	206	17	17	0	0.4	0.5	9.0	8.6	29960
924	923	-0.07	422	8.0	39	46	255	257	13.5	205	17	17	0	0.4	0.6	9.0	8.6	30010
924	923	-0.07	422	8.2	41	46	255	257	13.8	205	17	17	0	0.4	0.6	8.9	8.6	30070
924	923	-0.06	424	8.0	44	46	254	257	13.9	204	17	17	0	0.4	0.6	8.8	8.6	30120
924	923	-0.05	427	8.1	47	46	258	257	14.1	205	17	17	0	0.4	0.6	8.7	8.6	30180
922	923	-0.07	429	8.2	49	46	256	257	14.3	207	17	17	0	0.4	0.6	8.6	8.6	30240
921	923	-0.07	429	8.1	45	46	257	257	14.1	207	17	17	0	0.4	0.6	8.5	8.6	30290
920	923	-0.07	426	6.6	47	46	260	257	14.3	206	17	17	0	0.4	0.5	8.3	8.6	30350
922	923	-0.07	424	6.4	46	46	259	257	14.3	205	17	17	0	0.4	0.5	8.3	8.6	30400
922	923	-0.08	422	6.5	44	46	259	257	14.2	204	17	17	0	0.6	0.5	8.2	8.6	30460
923	923	-0.08	422	7.0	42	46	259	258	14.2	205	17	17	0	0.6	0.5	8.3	8.6	30520
923	923	-0.08	424	6.9	45	46	258	258	14.2	205	17	17	0	0.6	0.6	8.7	8.6	30570

2	922	923	-0.08	426	7.4	46	46	258	258	14.4	205	17	17	0	0.6	0.6	9.0	8.6	3068
2	921	923	-0.08	426	7.7	46	46	259	258	14.4	205	17	17	0	0.6	0.6	8.9	8.6	3074
2	920	923	-0.07	425	7.6	47	46	258	258	14.5	205	17	17	0	0.8	0.6	8.3	8.6	3080
2	921	923	-0.08	424	7.6	40	46	256	258	13.5	206	17	17	0	1.3	0.6	8.3	8.6	3085
2	922	923	-0.07	424	7.7	38	45	257	258	13.4	208	17	17	0	1.3	0.6	8.6	8.6	3091
2	922	923	-0.07	426	7.8	39	45	258	258	13.5	206	17	17	0	1.2	0.6	8.5	8.6	3096
2	922	923	-0.07	428	7.9	41	45	258	258	13.6	206	17	17	0	1.2	0.6	8.4	8.6	3102
2	922	923	-0.07	426	7.8	41	45	256	258	13.5	205	17	17	0	1.2	0.6	8.3	8.6	3107
3	922	923	-0.07	426	7.9	41	45	254	258	13.4	204	17	17	0	1.2	0.6	8.2	8.6	3113
3	922	923	-0.07	423	7.9	41	44	258	257	13.4	204	17	17	0	1.3	0.6	8.2	8.6	3118
3	921	923	-0.06	422	7.9	42	44	259	258	13.4	204	17	17	0	1.2	0.6	8.5	8.6	3124
3	921	923	-0.07	422	7.9	42	44	255	257	13.6	205	17	17	0	1.3	0.7	8.8	8.6	3130
3	922	923	-0.07	424	8.0	41	44	259	257	13.6	205	17	17	0	1.3	0.7	9.0	8.6	3135
3	923	923	-0.07	423	8.0	41	43	256	257	13.6	205	17	17	0	1.3	0.7	8.9	8.6	3141
4	923	923	-0.06	429	8.2	41	43	258	257	13.7	204	17	17	0	1.3	0.7	8.9	8.6	3146
4	922	923	-0.07	426	8.0	40	43	256	257	13.7	206	17	17	0	1.2	0.7	8.8	8.6	3152
4	922	923	-0.06	423	7.9	40	43	258	257	13.9	208	17	17	0	1.3	0.7	8.7	8.6	3157
4	922	923	-0.07	421	8.0	40	43	257	257	14.0	207	17	17	0	1.3	0.7	8.5	8.6	3163
4	921	923	-0.07	422	8.0	41	43	257	257	14.0	206	17	17	0	1.3	0.7	8.4	8.6	3168
4	922	923	-0.07	425	7.9	43	43	256	257	14.0	205	17	17	0	1.3	0.7	8.3	8.6	3174
4	921	923	-0.07	429	8.1	44	43	258	257	13.9	204	17	17	0	1.3	0.7	8.3	8.6	3180
5	921	923	-0.07	429	7.8	42	43	258	258	13.6	204	17	17	0	1.3	0.7	8.2	8.6	3185
5	921	923	-0.08	426	8.1	41	43	255	257	13.6	204	17	17	0	1.2	0.7	8.3	8.6	3191
5	921	923	-0.08	422	8.1	42	43	257	257	13.6	205	17	17	0	1.2	0.8	8.6	8.6	3196
5	921	923	-0.08	421	8.2	42	43	255	257	13.6	205	17	17	0	1.2	0.8	8.8	8.6	3202
5	921	923	-0.08	423	7.9	42	43	257	257	13.7	205	16	17	0	1.2	0.8	8.9	8.6	3208
5	921	923	-0.07	425	8.2	42	43	257	257	13.5	204	17	17	0	1.3	0.8	8.9	8.6	3213

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	B-END		KILN PRESS	BH TEMP	BH DP	CO		ID FAN		OXYGEN	RECIRC.	SHALE FEED		LIME FLOW	USED OIL		RECIRC.		WWTP
	deg F	deg F	inch WC	deg F	inch WC	PPM	PPM	Amps	Amps	%	GPM	TPH	TPH	1=NO 0=YES	GPM	GPM	PH	PH	GALS
	CNT.	HRA				CNT.	HRA	CNT.	HRA			CNT.	HRA		CNT.	HRA	CNT.	HRA	
6	920	922	-0.07	427	8.1	40	43	258	258	13.4	206	17	17	0	1.3	0.8	8.5	8.6	32130
6	920	922	-0.08	429	8.3	41	43	256	257	13.5	207	17	17	0	1.3	0.8	8.7	8.6	32240
7	920	922	-0.09	428	8.2	42	43	257	257	13.5	206	17	17	0	1.3	0.8	8.6	8.6	32300
7	921	922	-0.09	424	8.4	42	43	256	257	13.4	205	17	17	0	1.3	0.8	8.5	8.6	32350
7	919	922	-0.09	421	7.9	41	43	256	257	13.2	205	17	17	0	1.3	0.9	8.4	8.6	32410
7	918	922	-0.09	422	8.3	41	43	256	257	13.2	204	17	17	0	1.2	0.9	8.3	8.6	32460
7	918	922	-0.09	425	8.0	42	43	255	257	13.3	204	17	17	0	1.3	0.9	8.2	8.6	32520
7	919	922	-0.10	428	7.9	41	43	256	257	13.2	204	17	17	0	1.7	0.9	8.3	8.6	32580
7	919	922	-0.09	427	8.1	40	43	256	257	13.2	204	17	17	0	1.7	0.9	8.5	8.6	32630
7	919	922	-0.10	424	6.9	40	43	258	257	13.4	204	17	17	0	1.6	1.0	8.8	8.6	32690
7	920	922	-0.10	424	6.6	39	43	260	257	13.4	204	17	17	0	1.7	1.0	8.9	8.6	32740
7	921	922	-0.11	424	6.9	39	43	258	257	13.4	205	17	17	0	1.7	1.0	8.9	8.6	32800
7	921	922	-0.11	424	7.2	39	43	258	257	13.4	207	17	17	0	1.6	1.0	8.9	8.6	32860
7	922	922	-0.09	423	7.4	39	43	259	257	13.5	207	17	17	0	1.6	1.0	8.7	8.6	32910
7	922	922	-0.09	423	7.4	39	43	254	257	13.5	206	17	17	0	1.6	1.0	8.6	8.6	32970
7	922	922	-0.10	423	7.6	40	43	258	257	13.5	205	17	17	0	1.6	1.1	8.5	8.6	33020
7	922	922	-0.11	423	7.6	40	43	259	257	13.5	205	17	17	0	1.6	1.1	8.4	8.6	33080
7	922	922	-0.10	424	7.9	41	43	255	257	13.5	204	17	17	0	1.6	1.1	8.3	8.6	33130
7	921	921	-0.10	426	7.4	41	43	254	257	13.4	203	17	17	0	1.6	1.1	8.2	8.6	33190
7	921	921	-0.10	427	7.7	42	43	257	257	13.4	203	17	17	0	1.6	1.1	8.2	8.6	33240
7	919	921	-0.10	428	7.7	41	43	257	257	13.4	203	17	17	0	1.6	1.2	8.4	8.6	33300
7	919	921	-0.09	426	7.9	41	43	256	257	13.3	203	17	17	0	1.6	1.2	8.7	8.6	33360
7	919	921	-0.10	423	7.9	44	43	255	257	13.6	204	17	17	0	1.6	1.2	8.9	8.6	33410
7	919	921	-0.10	421	7.8	44	43	256	257	13.7	206	17	17	0	1.6	1.2	9.0	8.6	33460
7	919	921	-0.10	423	7.9	42	43	256	257	13.6	207	17	17	0	1.6	1.2	8.9	8.6	33520
7	919	921	-0.09	427	7.9	42	43	257	257	13.7	206	17	17	0	1.6	1.3	8.8	8.6	33580
7	919	921	-0.10	428	7.8	42	43	254	257	13.7	206	17	17	0	1.6	1.3	8.7	8.6	33630
7	918	921	-0.10	426	8.0	41	43	257	257	13.6	205	17	17	0	1.6	1.3	8.6	8.6	33690
7	917	921	-0.09	423	7.7	42	43	257	257	13.9	204	17	17	0	1.4	1.3	8.5	8.6	33740
7	916	921	-0.09	422	7.7	40	43	255	257	13.6	204	17	17	0	1.6	1.3	8.4	8.6	33800
7	916	921	-0.09	423	7.8	40	43	258	257	13.4	204	17	17	0	1.6	1.3	8.3	8.6	33850
7	916	920	-0.10	425	8.0	39	42	255	257	13.4	203	17	17	0	1.6	1.4	8.2	8.6	33910

7	918	920	-0.09	423	8.1	42	42	258	257	13.7	207	17	17	0	1.4	1.4	8.6	8.6	3402
7	918	920	-0.10	427	8.0	42	42	254	257	13.2	207	17	17	0	1.4	1.4	8.7	8.6	3408
7	917	920	-0.11	425	7.9	42	42	256	257	13.7	206	17	17	0	1.4	1.4	8.7	8.6	3413
7	917	920	-0.10	423	7.9	42	42	258	257	13.6	206	17	17	0	1.3	1.4	8.7	8.6	3419
7	916	920	-0.10	423	8.0	41	42	255	257	13.5	205	17	17	0	1.4	1.4	8.6	8.6	3425
7	916	920	-0.10	424	8.1	41	42	256	257	13.5	204	17	17	0	1.4	1.4	8.5	8.6	3430
7	915	920	-0.10	424	8.1	41	42	257	257	13.6	204	17	17	0	1.3	1.4	8.4	8.6	3435
7	915	920	-0.09	425	8.0	42	42	256	257	13.6	204	17	17	0	1.3	1.4	8.3	8.6	3441
7	914	920	-0.09	425	8.0	42	42	256	257	13.6	203	17	17	0	1.4	1.4	8.3	8.6	3447
7	914	919	-0.10	425	8.0	42	42	253	257	13.5	203	17	17	0	1.4	1.4	8.2	8.6	3452
7	914	919	-0.09	425	8.1	42	42	254	257	13.6	206	17	17	0	1.3	1.4	8.3	8.6	3458
7	913	919	-0.09	425	7.9	45	42	256	257	13.8	208	17	17	0	1.4	1.4	8.7	8.6	3463
7	915	919	-0.09	425	8.3	41	42	255	256	13.1	207	17	17	0	2.0	1.4	8.9	8.6	3469
7	915	919	-0.09	426	8.0	39	42	253	256	12.3	206	17	17	0	2.0	1.5	8.8	8.6	3474
7	915	919	-0.09	426	8.0	41	42	256	256	12.9	206	17	17	0	2.0	1.5	8.7	8.6	3480
7	916	919	-0.08	426	8.2	39	42	255	256	12.8	205	17	17	0	2.0	1.5	8.6	8.6	3485
7	916	919	-0.09	426	8.2	39	42	253	256	12.8	204	17	17	0	2.0	1.5	8.5	8.6	3491
7	916	919	-0.10	426	8.1	39	42	255	256	12.8	204	17	17	0	2.0	1.5	8.4	8.6	3497
8	916	918	-0.10	426	6.6	39	42	258	256	12.9	203	17	17	0	2.0	1.5	8.3	8.5	3502
8	920	918	-0.10	427	6.4	40	42	257	256	13.0	203	17	17	0	2.0	1.5	8.2	8.5	3508
8	921	918	-0.10	428	6.8	39	42	258	256	13.2	207	17	17	0	2.0	1.5	8.3	8.5	3513
8	923	918	-0.09	428	7.0	39	42	257	256	13.2	207	17	17	0	2.0	1.5	8.6	8.6	3519
8	924	918	-0.09	426	7.2	38	42	256	256	13.2	207	17	17	0	2.0	1.6	8.7	8.6	3524
8	923	918	-0.09	423	7.2	38	42	258	256	13.1	207	17	17	0	2.0	1.6	9.0	8.6	3530
8	923	919	-0.10	422	7.4	37	42	257	256	13.1	206	17	17	0	2.0	1.6	8.8	8.6	3536
8	923	919	-0.09	423	7.6	39	42	257	256	13.1	205	17	17	0	2.0	1.6	8.7	8.6	3541
8	923	919	-0.10	425	7.7	38	42	253	256	13.0	204	17	17	0	2.0	1.6	8.6	8.6	3547

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	B-END		KILN PRESS	BH TEMP	BH DP	CO		ID FAN		OXYGEN	RECIRC.	SHALE FEED		LIME FLOW	USED OIL		RECIRC.		WWTP
	deg F.	deg F	inch WC	deg F	inch WC	PPM	PPM	Amps	Amps	%	GPM	TPH	TPH	1=NO 0=YES	GPM	GPM	PH	PH	GALS
	CNT.	HRA				CNT.	HRA	CNT.	HRA			CNT.	HRA		CNT.	HRA	CNT.	HRA	
8	923	919	-0.10	427	7.5	39	42	255	256	12.9	203	17	17	0	2.0	1.6	8.5	8.6	35520
8	923	919	-0.10	427	7.7	37	42	255	256	12.9	203	17	17	0	2.0	1.6	8.4	8.5	35580
8	924	919	-0.10	426	7.8	37	42	257	256	12.9	203	16	17	0	2.0	1.6	8.3	8.5	35630
7	924	919	-0.10	425	7.9	37	41	255	256	12.9	203	17	17	0	2.0	1.7	8.2	8.5	35690
7	923	919	-0.10	424	7.8	39	41	258	256	12.9	207	17	17	0	2.0	1.7	8.3	8.5	35740
7	923	919	-0.10	424	8.2	38	41	256	256	12.9	207	17	17	0	2.0	1.7	8.5	8.5	35800
7	923	919	-0.10	424	8.0	39	41	254	256	12.9	207	16	17	0	2.0	1.7	8.7	8.5	35850
7	922	919	-0.10	424	8.0	40	42	254	256	13.3	206	17	17	0	2.0	1.7	8.3	8.6	35910
6	921	919	-0.11	424	8.0	41	42	257	256	13.6	206	17	17	0	2.0	1.7	8.6	8.6	35970
6	921	919	-0.10	423	7.9	42	41	255	256	14.2	205	17	17	0	1.5	1.7	8.7	8.6	36020
6	919	919	-0.10	423	8.1	44	41	254	256	14.0	205	17	17	0	1.2	1.7	8.6	8.6	36080
6	917	919	-0.10	422	8.0	44	42	258	256	14.2	204	17	17	0	1.2	1.7	8.5	8.5	36130
6	916	919	-0.10	423	8.0	46	42	255	256	14.1	204	17	17	0	1.6	1.7	8.4	8.5	36190
6	916	919	-0.10	425	7.9	40	42	254	256	13.6	203	17	17	0	1.5	1.7	8.3	8.5	36250
6	915	919	-0.11	427	8.0	41	42	255	256	13.6	203	17	17	0	1.5	1.7	8.3	8.5	36300
6	915	919	-0.10	428	8.0	42	42	254	256	13.6	206	17	17	0	1.5	1.7	8.2	8.5	36360
6	914	919	-0.10	427	8.0	41	42	258	256	13.6	207	17	17	0	1.4	1.7	8.4	8.5	36410
6	914	918	-0.10	425	8.2	41	42	257	256	13.7	207	17	17	0	1.5	1.7	8.6	8.5	36460
6	914	918	-0.10	424	7.9	38	42	255	256	13.6	206	17	17	0	1.5	1.7	8.8	8.5	36520
6	913	918	-0.10	423	8.2	39	42	255	256	13.6	207	17	17	0	1.5	1.7	8.9	8.5	36580
6	912	918	-0.10	422	8.1	39	42	256	256	13.6	206	17	17	0	1.5	1.7	8.8	8.6	36630
6	912	918	-0.10	423	8.1	41	42	257	256	13.6	205	17	17	0	1.5	1.7	8.7	8.6	36690
	912	918	-0.09	425	7.9	41	42	254	256	13.5	204	17	17	0	1.5	1.7	8.6	8.6	36750
	912	918	-0.09	426	8.2	42	42	254	256	13.6	204	17	17	0	1.5	1.7	8.5	8.5	36800
	913	918	-0.10	426	8.1	42	42	254	256	13.6	204	17	17	0	1.4	1.7	8.4	8.5	36860
	912	918	-0.10	427	7.8	44	42	254	256	13.8	203	19	17	0	1.2	1.7	8.3	8.5	36910
	912	917	-0.08	427	8.1	45	42	255	256	13.9	203	17	17	0	1.2	1.7	8.3	8.5	36960
	912	917	-0.10	425	8.2	48	42	256	256	14.2	207	17	17	0	1.2	1.7	8.3	8.5	37020
	913	917	-0.10	423	6.9	47	42	257	256	14.1	207	17	17	0	1.2	1.6	8.3	8.5	37080
	914	917	-0.10	423	6.3	42	42	258	256	13.7	206	17	17	0	1.2	1.6	8.5	8.5	37130
	916	917	-0.10	424	6.8	42	42	258	256	13.8	206	17	17	0	1.2	1.6	8.6	8.5	37190
	917	917	-0.10	425	6.9	42	42	258	256	13.8	206	17	17	0	1.2	1.6	8.9	8.5	37240

[illegible]	[illegible]	-0.10	425	7.2	42	42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	917	917	-0.10	425	7.3	45	42	255	256	14.0	205	17	17	0	1.0	1.6	8.8	8.5	3735
7	918	917	-0.08	425	7.3	42	42	255	256	13.7	204	17	17	0	1.5	1.6	8.7	8.6	3741
7	918	917	-0.10	425	7.4	39	42	256	256	13.7	204	17	17	0	1.7	1.6	8.6	8.5	3747
7	919	917	-0.09	426	7.8	40	42	254	256	13.2	204	17	17	0	1.7	1.6	8.5	8.5	3752
7	918	917	-0.09	426	7.6	41	42	256	256	13.2	203	17	17	0	1.7	1.6	8.4	8.5	3756
7	918	917	-0.08	425	7.7	40	42	256	256	13.4	205	17	17	0	1.6	1.6	8.4	8.5	3761
7	918	917	-0.08	426	8.0	40	42	256	256	13.3	207	17	17	0	1.6	1.6	8.3	8.5	3766
7	918	917	-0.09	425	7.7	40	42	257	256	13.4	206	17	17	0	1.6	1.6	8.2	8.5	3771
6	919	917	-0.08	425	7.9	39	42	255	256	13.4	206	17	17	0	1.6	1.6	8.2	8.5	3776
6	918	918	-0.08	424	7.8	39	42	255	256	13.4	206	17	17	0	1.6	1.7	8.4	8.5	3781
6	918	918	-0.09	424	8.1	42	42	255	256	13.8	206	17	17	0	1.0	1.6	8.8	8.5	3791
6	917	918	-0.09	424	8.1	42	42	255	256	14.0	206	17	17	0	1.3	1.6	9.0	8.5	3797
6	917	918	-0.08	424	8.1	40	42	252	256	13.5	205	17	17	0	1.5	1.6	9.0	8.6	3802
6	917	918	-0.08	424	7.9	40	42	256	256	13.4	205	17	17	0	1.5	1.6	8.9	8.6	3808
6	918	918	-0.09	424	8.0	37	42	254	256	13.3	205	17	17	0	1.5	1.6	8.9	8.6	3813
6	918	918	-0.10	424	8.0	39	42	255	256	13.3	204	17	17	0	1.4	1.6	8.8	8.6	3819
6	918	918	-0.10	424	7.8	38	42	257	256	13.3	204	17	17	0	1.5	1.6	8.7	8.6	3824
6	918	918	-0.10	423	8.0	38	42	254	256	13.3	204	17	17	0	1.3	1.6	8.6	8.6	3830
6	916	918	-0.11	423	7.9	42	42	256	256	13.8	206	17	17	0	1.2	1.6	8.5	8.6	3835
4	915	918	-0.11	423	7.7	47	42	256	256	14.3	207	17	17	0	1.2	1.6	8.4	8.6	3841
3	913	918	-0.10	425	7.7	68	42	257	256	16.2	205	17	17	0	1.2	1.5	8.3	8.6	3846
2	909	918	-0.11	427	6.3	77	43	259	256	16.6	205	17	17	0	1.2	1.5	8.3	8.6	3852
2	908	917	-0.10	429	6.7	78	44	259	256	16.8	205	17	17	0	1.1	1.5	8.2	8.6	3858
2	906	917	-0.11	427	6.9	55	44	258	256	15.1	205	17	17	0	0.2	1.5	8.3	8.6	3863
2	907	917	-0.11	425	7.1	47	44	258	256	14.2	205	17	17	0	0.0	1.5	8.6	8.5	3869
2	910	916	-0.12	424	7.4	33	44	261	256	11.8	205	17	17	0	0.0	1.4	8.8	8.5	3875
2	912	916	-0.12	422	7.4	31	44	257	256	11.6	205	17	17	0	0.6	1.4	8.9	8.6	3880

or KILN #1 03/18/98

	B-END		KILN PRESS	SH TEMP	SH DP	CO		ID FAN		OXYGEN	RECIRC.	SHALE	FEED	LIME FLOW	USED OIL		RECIRC.		WWTP
	deg F	deg F	inch WC	deg F	inch WC	PPM	PPM	Amps	Amps	%	GPM	TPH	TPH	1=NO 0=YES	GPM	GPM	PH	PH	GALS
	CNT.	HRA				CNT.	HRA	CNT.	HRA			CNT.	HRA		CNT.	HRA	CNT.	HRA	
2	913	916	-0.11	422	7.5	32	44	253	256	11.7	205	17	17	0	0.5	1.4	8.8	8.6	38360
2	913	916	-0.10	423	7.7	42	44	257	256	13.2	206	17	17	0	0.0	1.3	8.7	8.6	38910
1	912	916	-0.10	424	7.6	46	44	258	256	13.3	207	17	17	0	0.0	1.3	8.7	8.6	38970
1	912	916	-0.10	427	7.5	50	44	257	256	13.8	206	17	17	0	0.0	1.3	8.5	8.6	39020
1	912	915	-0.09	429	7.8	49	44	254	256	13.5	205	17	17	0	0.2	1.2	8.4	8.6	39080
1	913	915	-0.08	427	7.9	42	44	257	256	12.9	205	17	17	0	0.2	1.2	8.3	8.6	39130
1	913	915	-0.09	424	7.7	44	45	253	256	13.0	204	17	17	0	0.1	1.2	8.2	8.6	39190
1	914	915	-0.09	422	7.9	46	45	256	256	13.1	204	17	17	0	0.1	1.2	8.2	8.6	39240
1	913	915	-0.09	422	7.8	48	45	254	256	13.2	205	17	17	0	0.1	1.1	8.5	8.5	39300
1	914	915	-0.09	423	7.7	50	45	254	256	13.4	205	17	17	0	0.1	1.1	8.8	8.5	39360
1	913	915	-0.10	426	7.8	48	45	254	256	13.1	206	17	17	0	0.5	1.1	8.9	8.6	39410
1	915	915	-0.09	429	7.8	40	45	252	256	12.2	205	17	17	0	0.3	1.1	9.0	8.6	39470
1	914	915	-0.10	428	7.9	45	45	257	256	12.8	205	17	17	0	0.0	1.0	8.9	8.6	39520

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3	914	914	-0.09	426	7.8	46	45	255	256	12.9	205	17	17	0	0.0	1.0	8.8	8.6	3958
2	914	914	-0.10	425	8.0	48	45	256	256	13.1	208	17	17	0	0.0	1.0	8.7	8.6	3964
2	913	914	-0.10	424	7.6	50	45	256	256	13.5	207	17	17	0	0.0	1.0	8.6	8.6	3969
2	912	914	-0.11	423	6.1	52	45	259	256	13.7	206	17	17	0	0.0	0.9	8.4	8.6	3975
2	914	914	-0.10	422	6.7	53	45	258	256	14.0	205	17	17	0	0.0	0.9	8.3	8.6	3980
2	912	914	-0.11	423	6.8	57	46	257	256	14.1	205	17	17	0	0.0	0.9	8.3	8.6	3986
2	912	914	-0.11	425	7.1	56	46	257	256	14.1	204	17	17	0	0.0	0.9	8.2	8.6	3991
2	911	914	-0.11	426	7.2	55	46	256	256	14.0	204	17	17	0	0.0	0.8	8.3	8.6	3997
2	911	914	-0.11	427	7.5	53	47	255	256	13.9	204	17	17	0	0.0	0.8	8.6	8.6	4002
2	910	914	-0.12	428	7.4	55	47	254	256	13.9	205	17	17	0	0.0	0.8	8.8	8.6	4008
2	910	914	-0.11	427	7.5	56	47	255	256	13.9	205	17	17	0	0.0	0.8	9.0	8.6	4013
2	909	914	-0.11	425	7.7	50	47	254	256	13.3	205	17	17	0	0.0	0.7	9.0	8.6	4019
2	908	914	-0.11	422	7.7	50	47	253	256	13.2	206	17	17	0	0.0	0.7	8.9	8.6	4025
3	907	914	-0.11	422	7.7	47	47	255	256	13.1	208	17	17	0	0.0	0.7	8.8	8.6	4031
3	908	914	-0.10	424	7.6	47	47	255	256	13.1	207	17	17	0	0.0	0.7	8.7	8.6	4037
3	908	914	-0.08	426	7.6	46	47	255	256	12.9	206	17	17	0	0.0	0.7	8.6	8.6	4042
2	907	914	-0.09	427	7.9	49	47	255	256	13.3	205	17	17	0	0.0	0.6	8.4	8.6	4049
2	907	914	-0.10	427	7.9	53	48	252	256	13.8	205	17	17	0	0.0	0.6	8.3	8.6	4055
2	907	914	-0.09	426	7.7	51	49	254	256	13.4	204	17	17	0	0.1	0.6	8.3	8.6	4060
2	905	913	-0.10	425	7.6	49	48	253	256	13.2	203	17	17	0	0.0	0.6	8.2	8.6	4066
2	905	913	-0.10	424	7.8	51	48	253	256	13.3	203	17	17	0	0.0	0.6	8.2	8.6	4072
2	904	913	-0.09	423	7.7	52	48	253	256	13.4	204	17	17	0	0.0	0.6	8.5	8.6	4078
2	903	912	-0.09	423	8.1	52	49	251	255	13.3	205	17	17	0	0.0	0.5	8.8	8.6	4084
2	903	912	-0.09	423	7.8	52	49	254	255	13.3	205	17	17	0	0.0	0.5	9.0	8.6	4090
2	902	912	-0.10	423	8.1	52	49	253	255	13.4	205	18	17	0	0.0	0.5	9.0	8.6	4096
2	901	912	-0.10	425	7.9	53	49	253	255	13.4	206	17	17	0	0.0	0.4	8.9	8.6	4102
3	901	911	-0.10	426	8.1	53	49	253	255	13.5	208	17	17	0	0.0	0.4	8.9	8.6	4108
3	902	911	-0.08	427	8.2	53	49	251	255	13.4	206	17	17	0	0.0	0.4	8.7	8.6	4114
3	903	911	-0.10	427	8.2	52	50	251	255	13.4	206	17	17	0	0.0	0.4	8.6	8.6	4120
3	902	910	-0.09	426	8.3	53	50	254	255	13.5	205	17	17	0	0.0	0.3	8.5	8.6	4126
3	901	910	-0.09	424	8.1	53	50	253	255	13.5	205	17	17	0	0.0	0.3	8.4	8.6	4132
3	900	910	-0.09	423	8.1	52	50	254	255	13.4	204	17	17	0	0.0	0.3	8.3	8.6	4138
3	900	910	-0.09	422	8.2	53	50	252	255	13.4	204	17	17	0	0.0	0.3	8.2	8.6	4144
3	901	909	-0.10	424	6.4	51	51	256	255	13.3	203	17	17	0	0.0	0.2	8.2	8.6	4150
3	904	909	-0.11	427	6.3	53	51	256	255	13.5	204	17	17	0	0.0	0.2	8.4	8.6	4155
3	906	909	-0.10	429	6.5	52	51	257	255	13.4	204	17	17	0	0.0	0.2	8.7	8.6	4161
3	907	909	-0.10	428	7.0	51	51	253	255	13.3	204	17	17	0	0.0	0.2	8.9	8.6	4167
3	907	909	-0.09	425	7.2	52	51	255	255	13.4	206	17	17	0	0.0	0.2	9.0	8.6	4173
3	906	908	-0.09	424	7.4	52	52	255	255	13.4	208	17	17	0	0.0	0.1	8.9	8.6	4179
4	906	908	-0.09	422	7.4	53	52	254	255	13.4	207	17	17	0	0.0	0.1	8.8	8.6	4185
5	905	908	-0.09	422	7.6	53	51	253	255	13.4	206	17	17	0	0.0	0.1	8.7	8.6	4191
6	904	908	-0.09	423	7.5	53	51	253	255	13.5	206	17	17	0	0.0	0.1	8.6	8.6	4197
6	903	908	-0.09	425	7.7	57	51	253	255	13.6	205	17	17	0	0.0	0.1	8.5	8.6	4203
6	903	908	-0.09	427	7.8	56	51	251	255	13.4	204	17	17	0	0.0	0.0	8.4	8.6	4209
6	903	908	-0.09	427	8.0	53	51	251	254	13.4	203	17	17	0	0.0	0.0	8.3	8.6	4215

901	908	-0.09	424	7.7	53	52	253	254	13.4	206	17	17	0	0.0	0.0	8.2	8.6	422

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	B-END		KILN PRESS	SH TEMP	SH DP	CO		ID FAN		OXYGEN	RECIRC.	SHALE FEED		LIME FLOW	USED OIL		RECIRC.		WWTP
	deg F	deg F	inch WC	deg F	inch WC	PPM	PPM	Amps	Amps	%	GPM	TPH	TPH	1=NO 0=YES	GPM	GPM	PH	PH	GALS
	CNT.	HRA				CNT.	HRA	CNT.	HRA			CNT.	HRA		CNT.	HRA	CNT.	HRA	
6	901	907	-0.10	422	8.1	53	52	249	254	13.4	207	17	17	0	0.0	0.0	8.5	8.6	42330
6	901	907	-0.10	423	7.9	55	52	253	254	13.4	207	17	17	0	0.0	0.0	8.7	8.6	42390
6	901	907	-0.10	424	8.1	56	52	252	254	13.5	207	17	17	0	0.0	0.0	8.9	8.6	42450
6	900	907	-0.10	425	7.9	56	52	249	254	13.6	207	17	17	0	0.0	0.0	8.9	8.6	42510
6	898	907	-0.12	425	8.1	57	53	252	254	13.7	206	17	17	0	0.0	0.0	8.8	8.6	42568
6	898	906	-0.10	425	7.9	57	53	250	254	13.7	206	17	17	0	0.0	0.0	8.7	8.6	42630
5	897	906	-0.10	426	8.1	55	53	250	254	13.4	205	17	17	0	0.0	0.0	8.6	8.6	42688
5	897	906	-0.11	425	8.3	53	53	254	254	13.2	205	17	17	0	0.0	0.0	8.5	8.6	42748
5	898	906	-0.12	426	8.1	52	53	254	254	13.3	204	17	17	0	0.0	0.0	8.4	8.6	42808
5	899	905	-0.12	427	8.6	53	53	252	254	13.5	203	17	17	0	0.0	0.0	8.3	8.6	42868
5	902	905	-0.11	428	8.8	52	53	254	254	13.4	205	17	17	0	0.0	0.0	8.2	8.6	42928
5	902	905	-0.10	428	9.1	53	54	255	254	13.4	207	17	17	0	0.0	0.0	8.2	8.6	42988
5	901	905	-0.10	426	9.3	53	54	254	254	13.4	207	17	17	0	0.0	0.0	8.3	8.6	43048
5	902	904	-0.10	425	9.4	53	54	254	254	13.3	207	17	17	0	0.0	0.0	8.6	8.6	43108
5	902	904	-0.09	424	9.7	50	54	252	253	13.1	207	17	17	0	0.0	0.0	8.9	8.6	43168
5	903	904	-0.09	423	9.7	51	54	252	253	13.1	207	17	17	0	0.0	0.0	9.0	8.6	43228
5	903	904	-0.10	422	9.6	50	54	255	253	12.9	206	17	17	0	0.0	0.0	8.9	8.6	43288
5	904	904	-0.09	423	9.5	49	54	253	253	12.6	206	17	17	0	0.0	0.0	8.8	8.6	43348
5	904	904	-0.10	424	9.7	50	54	252	253	12.8	205	17	17	0	0.0	0.0	8.7	8.6	43408
	903	904	-0.10	425	9.5	55	54	250	253	13.5	205	17	17	0	0.0	0.0	8.5	8.6	43468
	903	903	-0.10	425	9.5	58	54	250	253	13.6	204	17	17	0	0.0	0.0	8.4	8.6	43528
	902	903	-0.09	425	9.6	61	54	252	253	14.0	204	17	17	0	0.0	0.0	8.3	8.6	43588
	901	903	-0.09	425	9.8	60	54	253	253	13.9	207	17	17	0	0.0	0.0	8.3	8.6	43638
	900	903	-0.09	425	9.7	58	54	251	253	13.8	206	17	17	0	0.0	0.0	8.2	8.6	43708
	899	903	-0.10	425	10.0	59	54	252	253	13.8	206	17	17	0	0.0	0.0	8.2	8.6	43768
	898	903	-0.10	425	9.8	60	54	250	253	13.9	206	17	17	0	0.0	0.0	8.4	8.6	43818
	897	902	-0.11	425	10.0	65	55	253	253	14.6	206	17	17	0	0.0	0.0	8.6	8.6	43878
	894	902	-0.10	424	10.0	66	55	252	253	14.8	206	17	17	0	0.0	0.0	8.9	8.6	43938
	892	902	-0.11	424	9.9	70	55	251	253	15.1	206	17	17	0	0.0	0.0	9.0	8.6	43998
	891	902	-0.09	424	10.0	73	56	254	253	14.9	206	17	17	0	0.0	0.0	8.9	8.6	44058
	892	901	-0.10	424	9.9	52	56	253	253	13.0	206	17	17	0	0.1	0.0	8.9	8.6	44118
	894	901	-0.08	424	10.2	53	56	250	253	12.9	205	17	17	0	0.0	0.0	8.8	8.6	44178

896	901	-0.07	423	8.0	56	56	249	253	13.4	204	17	17	0	0.0	0.0	8.6	8.6	44250
896	901	-0.08	423	8.1	57	56	252	253	13.5	205	17	17	0	0.0	0.0	8.5	8.6	44310
896	901	-0.08	423	7.5	57	56	254	253	13.6	207	17	17	0	0.0	0.0	8.5	8.6	44370
898	901	-0.08	425	6.4	56	56	255	253	13.6	206	17	17	0	0.0	0.0	8.4	8.6	44430
902	901	-0.07	426	6.6	57	56	256	253	13.9	205	17	17	0	0.0	0.0	8.3	8.6	44490
903	901	-0.07	428	7.0	60	56	255	253	14.0	205	17	17	0	0.0	0.0	8.2	8.6	44550
905	901	-0.07	428	7.0	60	56	254	253	14.1	204	17	17	0	0.0	0.0	8.2	8.6	44610
905	901	-0.07	426	7.2	57	56	254	253	13.8	205	17	17	0	0.0	0.0	8.4	8.5	44670
907	901	-0.07	425	7.5	49	56	252	253	13.0	205	17	17	0	0.0	0.0	8.7	8.6	44730
906	901	-0.07	424	7.6	48	56	252	253	12.9	205	17	17	0	0.0	0.0	8.9	8.6	44790
907	901	-0.07	423	7.9	44	56	252	253	12.7	205	17	17	0	0.0	0.0	9.0	8.6	44850
907	901	-0.07	423	7.6	42	56	253	253	12.4	205	17	17	0	0.0	0.0	8.9	8.6	44910
908	901	-0.06	423	7.8	41	56	251	253	12.3	204	17	17	0	0.0	0.0	8.8	8.6	44970
909	901	-0.15	424	7.7	44	56	252	253	12.3	205	17	17	0	0.0	0.0	8.7	8.6	45030
909	902	-0.08	426	7.9	47	56	253	253	12.8	207	17	17	0	0.0	0.0	8.7	8.6	45090
909	902	-0.07	427	8.0	48	55	251	252	12.9	206	17	17	0	0.0	0.0	8.5	8.6	45150
908	902	-0.07	427	8.1	54	56	251	252	13.6	206	13	17	0	0.0	0.0	8.4	8.6	45210
907	902	-0.06	426	8.0	58	56	252	252	13.6	205	17	17	0	0.0	0.0	8.3	8.6	45270
905	902	-0.06	425	7.9	56	56	251	252	13.2	204	17	17	0	0.0	0.0	8.2	8.6	45330
904	902	-0.07	424	8.1	64	56	247	252	14.2	204	17	17	0	0.0	0.0	8.2	8.6	45390
903	901	-0.11	423	8.1	50	56	250	252	13.0	204	17	17	0	0.0	0.0	8.3	8.5	45450
903	901	-0.12	422	8.1	46	56	248	252	12.4	205	17	17	0	0.0	0.0	8.6	8.5	45510
902	901	-0.13	423	7.9	47	56	250	252	12.4	205	17	17	0	0.0	0.0	8.9	8.6	45570
901	901	-0.15	424	7.9	46	55	249	252	12.5	204	16	17	0	0.0	0.0	9.0	8.6	45630
899	901	-0.22	425	7.8	46	55	249	252	12.4	204	17	17	0	0.0	0.0	8.9	8.6	45690
895	901	-0.17	425	8.1	45	55	248	252	12.3	204	17	17	0	0.0	0.0	8.8	8.6	45750
894	901	-0.18	425	8.3	46	55	248	252	12.5	203	17	17	0	0.0	0.0	8.8	8.6	45810

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B-END		KILN PRESS	BH TEMP	BH DP	CO		ID FAN		OXYGEN	RECIRC.	SHALE FEED		LIME FLOW	USED OIL		RECIRC.		WWTP
deg F	deg F	inch WC	deg F	inch WC	PPM	PPM	Amps	Amps	%	GPM	TPH	TPH	1=NO 0=YES	GPM	GPM	PH	PH	GALS
CNT.	HRA				CNT.	HRA	CNT.	HRA			CNT.	HRA		CNT.	HRA	CNT.	HRA	
892	901	-0.15	425	7.2	50	55	250	252	12.9	206	17	17	0	0.0	0.0	8.7	8.6	45890
892	901	-0.12	425	6.6	52	55	254	252	13.2	206	17	17	0	0.0	0.0	8.6	8.6	45950
894	901	-0.12	427	6.7	56	55	255	252	13.8	205	17	17	0	0.0	0.0	8.5	8.6	46010
894	901	-0.11	427	6.9	56	55	252	252	13.8	204	17	17	0	0.0	0.0	8.4	8.6	46070
897	901	-0.11	428	7.1	51	55	254	252	13.1	204	17	17	0	0.0	0.0	8.4	8.6	46130
899	901	-0.09	426	7.3	46	55	251	252	12.5	203	17	17	0	0.0	0.0	8.3	8.6	46190
900	901	-0.12	425	7.3	46	54	248	252	12.4	202	17	17	0	0.0	0.0	8.2	8.6	46250
901	901	-0.11	424	7.2	46	54	249	252	12.4	202	17	17	0	0.0	0.0	8.2	8.6	46310
900	901	-0.11	423	7.5	49	54	251	252	12.7	202	17	17	0	0.0	0.0	8.4	8.6	46370
899	901	-0.11	422	7.6	53	54	250	252	13.0	203	17	17	0	0.0	0.0	8.7	8.6	46430
897	901	-0.12	422	7.8	53	54	252	252	13.0	203	17	17	0	0.0	0.0	8.9	8.6	46490
897	901	-0.11	424	7.7	53	54	253	252	12.9	203	17	17	0	0.0	0.0	8.9	8.6	46540
897	901	-0.10	425	7.7	53	54	251	252	13.0	206	17	17	0	0.0	0.0	9.0	8.6	46600
896	900	-0.11	426	7.7	55	54	253	252	13.0	207	17	17	0	0.0	0.0	8.9	8.6	46660
897	900	-0.11	426	8.0	56	54	250	252	13.2	206	17	17	0	0.0	0.0	8.8	8.6	46720
896	900	-0.11	426	7.7	56	54	252	252	13.1	205	17	17	0	0.0	0.0	8.7	8.6	46780
895	900	-0.10	426	7.9	55	55	252	252	13.1	204	17	17	0	0.0	0.0	8.6	8.6	46840
895	900	-0.11	425	8.0	55	55	248	252	13.1	203	17	17	0	0.0	0.0	8.5	8.6	46900
894	900	-0.11	425	7.8	55	55	250	251	13.1	203	17	17	0	0.0	0.0	8.4	8.6	46960
895	899	-0.11	425	8.1	53	55	251	251	13.1	203	17	17	0	0.0	0.0	8.4	8.6	47020
894	899	-0.11	425	8.1	52	55	249	251	13.0	202	17	17	0	0.0	0.0	8.3	8.6	47080
894	899	-0.12	424	7.9	48	54	250	251	12.5	203	17	17	0	0.0	0.0	8.2	8.6	47140
894	899	-0.12	424	8.0	46	54	254	251	12.4	207	17	17	0	0.0	0.0	8.3	8.6	47200
895	899	-0.11	425	8.0	48	54	251	251	12.6	207	17	17	0	0.0	0.0	8.5	8.6	47260
895	899	-0.11	424	8.1	51	54	250	251	13.0	206	17	17	0	0.0	0.0	8.6	8.6	47320
894	899	-0.11	424	8.2	52	54	251	251	13.0	206	17	17	0	0.0	0.0	8.6	8.6	47380
894	899	-0.12	424	8.1	52	53	252	251	12.9	205	17	17	0	0.0	0.0	8.7	8.6	47440
895	899	-0.13	425	8.2	52	53	251	251	12.9	205	17	17	0	0.0	0.0	8.7	8.6	47490

894	899	-0.12	425	8.2	52	53	251	251	13.0	204	17	17	0	0.0	0.0	8.6	8.6	47610
894	899	-0.12	425	7.3	52	53	251	251	13.0	203	17	17	0	0.0	0.0	8.5	8.6	47670
896	899	-0.12	426	6.2	53	53	254	251	13.0	203	17	17	0	0.0	0.0	8.4	8.6	47730
897	899	-0.11	427	5.7	53	53	252	251	13.2	202	17	17	0	0.0	0.0	8.4	8.6	47790
898	899	-0.12	423	6.9	53	52	253	251	13.2	203	17	17	0	0.0	0.0	8.3	8.6	47850
899	899	-0.12	427	7.3	55	52	252	251	13.3	206	17	17	0	0.0	0.0	8.3	8.6	47910
898	899	-0.12	426	7.3	56	52	257	251	13.4	206	17	17	0	0.0	0.0	8.2	8.6	47970
898	899	-0.12	424	7.6	61	53	253	251	13.3	206	17	17	0	0.0	0.0	8.3	8.6	48030
897	899	-0.11	423	7.6	63	53	251	251	14.0	206	17	17	0	0.0	0.0	8.6	8.6	48090
896	899	-0.11	422	7.6	59	53	252	251	13.6	206	17	17	0	0.0	0.0	8.9	8.6	48150
896	899	-0.11	422	7.7	53	52	253	251	13.0	206	17	17	0	0.0	0.0	8.9	8.6	48210
896	899	-0.12	424	7.7	52	53	251	251	12.9	205	17	17	0	0.0	0.0	8.9	8.6	48270
896	898	-0.12	425	7.7	52	52	251	251	12.8	205	17	17	0	0.0	0.0	8.8	8.6	48330
895	898	-0.14	426	7.9	53	53	252	251	12.9	204	17	17	0	0.0	0.0	8.7	8.6	48390
894	898	-0.12	427	7.8	57	53	253	251	13.4	204	17	17	0	0.0	0.0	8.7	8.6	48450
894	898	-0.12	426	7.7	57	53	250	251	13.4	203	17	17	0	0.0	0.0	8.6	8.6	48500
894	898	-0.11	427	7.9	50	53	250	251	12.7	203	17	17	0	0.0	0.0	8.5	8.6	48560
894	897	-0.11	427	7.8	49	53	253	251	12.6	206	17	17	0	0.0	0.0	8.5	8.6	48620
894	897	-0.10	427	7.9	48	53	252	251	12.6	207	17	17	0	0.0	0.0	8.4	8.6	48680
893	897	-0.11	427	8.1	49	53	251	251	12.6	205	17	17	0	0.0	0.0	8.3	8.6	48740
893	897	-0.11	426	8.1	50	53	251	251	12.6	205	17	17	0	0.0	0.0	8.2	8.6	48800
894	896	-0.10	424	7.9	49	53	251	251	12.6	204	17	17	0	0.0	0.0	8.2	8.6	48860
894	896	-0.11	423	7.9	49	53	249	251	0.0	205	17	17	0	0.0	0.0	8.3	8.6	48920
894	896	-0.11	422	8.1	50	53	250	251	0.0	205	17	17	0	0.0	0.0	8.6	8.6	48980
893	896	-0.11	423	8.2	50	53	251	251	12.9	206	17	17	0	0.0	0.0	8.9	8.6	49040
893	896	-0.10	424	8.2	56	53	250	251	13.0	205	17	17	0	0.0	0.0	9.0	8.6	49100
892	896	-0.12	424	7.9	53	53	249	251	13.0	205	17	17	0	0.0	0.0	8.9	8.6	49150
892	895	-0.11	426	8.1	53	53	253	251	13.0	204	17	17	0	0.0	0.0	8.9	8.6	49210
891	895	-0.11	427	8.1	53	53	252	251	13.0	204	17	17	0	0.0	0.0	8.8	8.6	49270
892	895	-0.12	427	7.6	53	53	250	251	12.9	203	17	17	0	0.0	0.0	8.7	8.6	49330
891	895	-0.13	426	6.3	53	53	254	251	13.0	204	17	17	0	0.0	0.0	8.6	8.6	49390

r KILN #1 03/18/98

B-END		KILN PRESS	BH TEMP	BH DP	CO		ID FAN		OXYGEN	RECIRC.	SHALE FEED		LIME FLOW	USED OIL		RECIRC.		WWTP
deg F	deg F	inch WC	deg F	inch WC	PPM	PPM	Amps	Amps	%	GPM	TPH	TPH	1=NO 0=YES	GPM	GPM	PH	PH	GALS
CNT.	HRA				CNT.	HRA	CNT.	HRA			CNT.	HRA		CNT.	HRA	CNT.	HRA	
893	895	-0.13	427	6.5	53	53	255	252	13.2	207	17	17	0	0.0	0.0	8.6	8.6	49450
894	895	-0.13	427	6.7	53	54	255	252	13.2	206	17	17	0	0.0	0.0	8.5	8.6	49510
895	895	-0.12	426	7.0	53	53	251	252	13.2	205	17	17	0	0.0	0.0	8.4	8.6	49570
895	895	-0.12	425	7.3	51	53	252	251	13.1	205	17	17	0	0.0	0.0	8.3	8.6	49630
894	895	-0.12	424	7.4	49	53	252	251	12.9	204	17	17	0	0.0	0.0	8.3	8.6	49690
895	895	-0.11	424	7.5	49	53	253	251	12.8	203	17	17	0	0.0	0.0	8.2	8.6	49750
895	895	-0.11	424	7.7	48	53	249	252	12.7	203	17	17	0	0.0	0.0	8.2	8.6	49810
895	895	-0.11	424	7.5	47	53	252	252	12.5	204	17	17	0	0.0	0.0	8.4	8.6	49860
895	895	-0.12	424	7.7	47	53	251	252	12.5	204	17	17	0	0.0	0.0	8.7	8.6	49930
895	895	-0.11	424	7.8	49	53	253	252	12.6	204	17	17	0	0.0	0.0	8.8	8.6	49990
894	895	-0.12	424	7.9	49	53	253	252	12.6	204	17	17	0	0.0	0.0	8.9	8.6	50040
894	895	-0.12	424	7.8	50	53	250	252	12.6	203	17	17	0	0.0	0.0	8.9	8.6	50100
892	895	-0.11	424	7.9	48	53	250	252	12.6	203	17	17	0	0.0	0.0	8.8	8.6	50160
892	895	-0.11	423	8.1	48	53	252	252	12.6	206	17	17	0	0.0	0.0	8.8	8.6	50220
893	894	-0.11	423	7.9	49	53	249	252	12.6	207	17	17	0	0.0	0.0	8.7	8.6	50280
893	894	-0.12	423	7.8	49	53	250	251	12.7	206	17	17	0	0.0	0.0	8.6	8.6	50340
894	894	-0.12	423	7.9	49	53	252	251	12.6	205	17	17	0	0.0	0.0	8.5	8.6	50400
894	894	-0.11	424	7.8	50	53	250	252	12.7	205	17	17	0	0.0	0.0	8.5	8.6	50460
893	894	-0.10	425	7.8	50	52	250	252	12.7	204	17	17	0	0.0	0.0	8.4	8.6	50520
893	894	-0.10	426	8.1	51	52	249	251	12.8	203	17	17	0	0.0	0.0	8.3	8.6	50580
893	894	-0.10	426	8.0	53	52	253	252	12.9	203	17	17	0	0.0	0.0	8.3	8.6	50640
893	894	-0.10	427	8.2	53	53	249	252	13.1	202	17	17	0	0.0	0.0	8.2	8.6	50700
893	894	-0.10	427	8.1	56	53	249	251	13.2	203	17	17	0	0.0	0.0	8.3	8.6	50750
893	894	-0.10	425	7.9	57	53	250	251	13.3	203	17	17	0	0.0	0.0	8.6	8.6	50810
892	894	-0.10	424	8.2	57	53	252	251	13.4	204	17	17	0	0.0	0.0	8.7	8.6	50870
890	894	-0.10	424	8.3	60	53	252	251	13.5	204	17	17	0	0.0	0.0	8.8	8.6	50930
890	894	-0.11	424	7.9	61	53	249	251	13.5	205	17	17	0	0.0	0.0	8.9	8.6	50990
888	894	-0.11	423	8.2	61	53	253	251	13.6	207	17	17	0	0.0	0.0	8.9	8.6	51050
889	894	-0.12	423	8.3	60	54	256	252	13.6	206	17	17	0	0.0	0.0	8.8	8.6	51110
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61	54	256	252	13.8	206	17	17	0	0.0	0.0	8.8	8.6	51170
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	205	17	17	0	0.0	0.0	8.7	8.6	51230
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51290