APPENDIX D

FACILITY PROCESS DATA

Font11

GE Energy NetDAHS ϟ
Average Values Report
Version 52.0
Generated: 1/4/2006 15:24

Company: Mirant Mid-Atlantic, LLC
Plant: 1400 North Royal Street
City/St: Alexandria, VA 22314-1199
Source: STACK_1, STATUS

Period Start: 12/20/2005 14:47
Period End: 12/20/2005 16:28
Validation Type: 1/1 min
Averaging Period: 1 min
Type: Block Avg

Period Start	C1_OPAC %	CS_C1LOD MW
12/20/2005 14:47	4.50	87
12/20/2005 14:48	4.20	87
12/20/2005 14:49	4.30	85
12/20/2005 14:50	4.20	86
12/20/2005 14:51	4.40	87
12/20/2005 14:52	4.30	85
12/20/2005 14:53	4.50	86
12/20/2005 14:54	4.20	86
12/20/2005 14:55	4.50	86
12/20/2005 14:56	4.20	87
12/20/2005 14:57	4.40	86
12/20/2005 14:58	4.30	86
12/20/2005 14:59	4.60	86
12/20/2005 15:00	4.40	87
12/20/2005 15:01	4.30	87
12/20/2005 15:02	4.20	86
12/20/2005 15:03	4.50	86
12/20/2005 15:04	4.40	87
12/20/2005 15:05	4.30	87
12/20/2005 15:06	4.30	86
12/20/2005 15:07	4.70	87
12/20/2005 15:08	4.30	87
12/20/2005 15:09	4.50	86
12/20/2005 15:10	4.30	87
12/20/2005 15:11	4.50	88
12/20/2005 15:12	4.20	87
12/20/2005 15:13	4.50	86
12/20/2005 15:14	4.30	87
12/20/2005 15:15	4.40	87
12/20/2005 15:16	4.30	87
12/20/2005 15:17	4.50	87
12/20/2005 15:18	4.20	86
12/20/2005 15:19	4.50	86

12/20/2005 15:20	4.30	86
12/20/2005 15:21	4.50	87
12/20/2005 15:22	4.30	86
12/20/2005 15:23	4.50	85
12/20/2005 15:24	4.40	87
12/20/2005 15:25	4.40	87
12/20/2005 15:26	4.30	87
12/20/2005 15:27	4.50	86
12/20/2005 15:28	4.30	87
12/20/2005 15:29	4.40	86
12/20/2005 15:30	4.10	87
12/20/2005 15:31	4.30	87
12/20/2005 15:32	4.10	86
12/20/2005 15:33	4.50	87
12/20/2005 15:34	4.30	88
12/20/2005 15:35	4.40	87
12/20/2005 15:36	4.40	87
12/20/2005 15:37	4.40	86
12/20/2005 15:38	4.40	87
12/20/2005 15:39	4.40	87
12/20/2005 15:40	4.40	88
12/20/2005 15:41	4.40	87
12/20/2005 15:42	4.40	87
12/20/2005 15:43	4.20	87
12/20/2005 15:44	4.10	87
12/20/2005 15:45	4.30	86
12/20/2005 15:46	4.20	86
12/20/2005 15:47	4.20	87
12/20/2005 15:48	4.30	87
12/20/2005 15:49	4.40	86
12/20/2005 15:50	4.20	87
12/20/2005 15:51	4.30	86
12/20/2005 15:52	4.20	87
12/20/2005 15:53	4.50	86
12/20/2005 15:54	4.20	87
12/20/2005 15:55	4.50	87
12/20/2005 15:56	4.40	87
12/20/2005 15:57	4.50	88
12/20/2005 15:58	4.60	88
12/20/2005 15:59	4.60	87
12/20/2005 16:00	4.20	87
12/20/2005 16:01	4.30	88
12/20/2005 16:02	4.20	88
12/20/2005 16:03	4.40	87
12/20/2005 16:04	4.30	87
12/20/2005 16:05	4.40	85
12/20/2005 16:06	4.20	86
12/20/2005 16:07	4.50	87
12/20/2005 16:08	4.20	86

12/20/2005 16:09	4.30	86
12/20/2005 16:10	4.20	87
12/20/2005 16:11	4.20	87
12/20/2005 16:12	4.20	87
12/20/2005 16:13	4.40	88
12/20/2005 16:14	4.30	84
12/20/2005 16:15	4.00	76
12/20/2005 16:16	3.90	72
12/20/2005 16:17	3.90	72
12/20/2005 16:18	3.90	73
12/20/2005 16:19	4.10	75
12/20/2005 16:20	3.80	76
12/20/2005 16:21	3.80	75
12/20/2005 16:22	3.80	75
12/20/2005 16:23	3.90	76
12/20/2005 16:24	3.90	77
12/20/2005 16:25	4.00	77
12/20/2005 16:26	3.80	78
12/20/2005 16:27	3.90	76
12/20/2005 16:28	3.70	67
Final Average*	4.28	85
Maximum*	4.70	88
Minimum*	3.70	67

*Does not include Invalid Averaging Periods ("N/A")

Font11

GE Energy NetDAHS 7
Average Values Report
Version 52.0
Generated: 1/4/2006 15:25

Company: Mirant Mid-Atlantic, LLC
Plant: 1400 North Royal Street
City/St: Alexandria, VA 22314-1199
Source: STACK_1, STATUS

Period Start: 12/20/2005 17:40
Period End: 12/20/2005 19:30
Validation Type: 1/1 min
Averaging Period: 1 min
Type: Block Avg

Period Start	C1_OPAC %	CS_C1LOD MW
12/20/2005 17:40	4.10	85
12/20/2005 17:41	4.30	85
12/20/2005 17:42	4.10	84
12/20/2005 17:43	4.20	85
12/20/2005 17:44	4.20	85
12/20/2005 17:45	4.40	86
12/20/2005 17:46	4.10	85
12/20/2005 17:47	4.20	85
12/20/2005 17:48	4.20	85
12/20/2005 17:49	4.30	86
12/20/2005 17:50	4.10	85
12/20/2005 17:51	4.20	85
12/20/2005 17:52	4.10	85
12/20/2005 17:53	4.10	84
12/20/2005 17:54	4.10	86
12/20/2005 17:55	4.20	85
12/20/2005 17:56	3.90	84
12/20/2005 17:57	4.30	85
12/20/2005 17:58	4.50	85
12/20/2005 17:59	4.10	85
12/20/2005 18:00	4.20	84
12/20/2005 18:01	4.20	85
12/20/2005 18:02	4.00	84
12/20/2005 18:03	4.20	85
12/20/2005 18:04	4.10	86
12/20/2005 18:05	4.40	85
12/20/2005 18:06	4.10	86
12/20/2005 18:07	4.30	86
12/20/2005 18:08	4.10	86
12/20/2005 18:09	4.30	85
12/20/2005 18:10	4.40	85
12/20/2005 18:11	4.40	86
12/20/2005 18:12	4.40	85

12/20/2005 18:13	4.20	85
12/20/2005 18:14	4.10	85
12/20/2005 18:15	4.20	86
12/20/2005 18:16	4.10	85
12/20/2005 18:17	4.30	86
12/20/2005 18:18	4.20	85
12/20/2005 18:19	4.30	85
12/20/2005 18:20	4.10	85
12/20/2005 18:21	4.30	85
12/20/2005 18:22	4.20	86
12/20/2005 18:23	4.30	85
12/20/2005 18:24	4.10	84
12/20/2005 18:25	4.20	85
12/20/2005 18:26	4.10	86
12/20/2005 18:27	4.20	85
12/20/2005 18:28	4.10	85
12/20/2005 18:29	4.30	85
12/20/2005 18:30	4.20	85
12/20/2005 18:31	4.30	86
12/20/2005 18:32	4.30	86
12/20/2005 18:33	4.40	86
12/20/2005 18:34	4.10	85
12/20/2005 18:35	4.20	85
12/20/2005 18:36	4.10	85
12/20/2005 18:37	4.20	85
12/20/2005 18:38	4.10	84
12/20/2005 18:39	4.00	85
12/20/2005 18:40	4.20	85
12/20/2005 18:41	4.20	86
12/20/2005 18:42	4.20	85
12/20/2005 18:43	4.40	85
12/20/2005 18:44	4.20	85
12/20/2005 18:45	4.30	86
12/20/2005 18:46	4.10	86
12/20/2005 18:47	4.20	87
12/20/2005 18:48	4.10	86
12/20/2005 18:49	4.20	85
12/20/2005 18:50	4.20	86
12/20/2005 18:51	4.30	86
12/20/2005 18:52	4.20	86
12/20/2005 18:53	4.30	85
12/20/2005 18:54	4.20	86
12/20/2005 18:55	4.20	86
12/20/2005 18:56	4.20	85
12/20/2005 18:57	4.20	85
12/20/2005 18:58	4.10	84
12/20/2005 18:59	4.20	84
12/20/2005 19:00	4.10	85
12/20/2005 19:01	4.30	85

12/20/2005 19:02	4.20	86
12/20/2005 19:03	4.40	86
12/20/2005 19:04	4.20	86
12/20/2005 19:05	4.30	85
12/20/2005 19:06	4.30	85
12/20/2005 19:07	4.30	86
12/20/2005 19:08	4.20	85
12/20/2005 19:09	4.20	85
12/20/2005 19:10	4.00	85
12/20/2005 19:11	4.10	85
12/20/2005 19:12	4.30	85
12/20/2005 19:13	4.30	85
12/20/2005 19:14	4.20	85
12/20/2005 19:15	4.30	86
12/20/2005 19:16	4.20	85
12/20/2005 19:17	4.20	87
12/20/2005 19:18	4.20	86
12/20/2005 19:19	4.30	86
12/20/2005 19:20	4.30	85
12/20/2005 19:21	4.30	87
12/20/2005 19:22	4.30	85
12/20/2005 19:23	4.30	87
12/20/2005 19:24	4.10	86
12/20/2005 19:25	4.10	86
12/20/2005 19:26	4.10	85
12/20/2005 19:27	4.20	85
12/20/2005 19:28	4.30	85
12/20/2005 19:29	4.40	85
12/20/2005 19:30	4.30	85
Final Average*	4.21	85
Maximum*	4.50	87
Minimum*	3.90	84

*Does not include Invalid Averaging Periods ("N/A")

Font11

GE Energy NetDAHS
Average Values Report
Version 52.0
Generated: 1/4/2006 15:25

Company: Mirant Mid-Atlantic, LLC
Plant: 1400 North Royal Street
City/St: Alexandria, VA 22314-1199
Source: STACK_1, STATUS

Period Start: 12/21/2005 11:13
Period End: 12/21/2005 13:07
Validation Type: 1/1 min
Averaging Period: 1 min
Type: Block Avg

Period Start	C1_OPAC %	CS_C1LOD MW
12/21/2005 11:13	4.00	86
12/21/2005 11:14	3.80	86
12/21/2005 11:15	4.00	86
12/21/2005 11:16	3.60	86
12/21/2005 11:17	3.80	85
12/21/2005 11:18	3.70	86
12/21/2005 11:19	3.60	86
12/21/2005 11:20	3.70	87
12/21/2005 11:21	3.70	86
12/21/2005 11:22	3.70	85
12/21/2005 11:23	3.80	86
12/21/2005 11:24	3.80	86
12/21/2005 11:25	3.90	87
12/21/2005 11:26	3.90	87
12/21/2005 11:27	3.80	86
12/21/2005 11:28	3.80	87
12/21/2005 11:29	3.80	87
12/21/2005 11:30	3.80	86
12/21/2005 11:31	3.60	87
12/21/2005 11:32	3.70	86
12/21/2005 11:33	3.70	86
12/21/2005 11:34	3.70	86
12/21/2005 11:35	3.80	86
12/21/2005 11:36	3.80	86
12/21/2005 11:37	3.80	86
12/21/2005 11:38	3.80	86
12/21/2005 11:39	3.90	86
12/21/2005 11:40	3.80	87
12/21/2005 11:41	3.90	86
12/21/2005 11:42	3.80	86
12/21/2005 11:43	3.80	87
12/21/2005 11:44	3.70	86
12/21/2005 11:45	3.60	87

12/21/2005 11:46	3.70	86
12/21/2005 11:47	4.00	87
12/21/2005 11:48	3.80	86
12/21/2005 11:49	3.80	85
12/21/2005 11:50	3.70	87
12/21/2005 11:51	4.00	87
12/21/2005 11:52	3.80	87
12/21/2005 11:53	3.80	87
12/21/2005 11:54	3.80	86
12/21/2005 11:55	3.80	86
12/21/2005 11:56	3.90	87
12/21/2005 11:57	4.00	86
12/21/2005 11:58	3.90	86
12/21/2005 11:59	3.90	87
12/21/2005 12:00	3.80	85
12/21/2005 12:01	3.80	86
12/21/2005 12:02	3.70	86
12/21/2005 12:03	3.80	87
12/21/2005 12:04	3.80	87
12/21/2005 12:05	4.00	86
12/21/2005 12:06	3.80	87
12/21/2005 12:07	4.00	88
12/21/2005 12:08	3.80	86
12/21/2005 12:09	3.90	86
12/21/2005 12:10	3.80	87
12/21/2005 12:11	4.00	87
12/21/2005 12:12	3.80	87
12/21/2005 12:13	3.90	86
12/21/2005 12:14	3.80	86
12/21/2005 12:15	3.90	87
12/21/2005 12:16	3.80	86
12/21/2005 12:17	4.00	87
12/21/2005 12:18	3.90	86
12/21/2005 12:19	3.90	87
12/21/2005 12:20	3.90	87
12/21/2005 12:21	3.90	86
12/21/2005 12:22	3.80	86
12/21/2005 12:23	3.90	86
12/21/2005 12:24	3.80	86
12/21/2005 12:25	3.90	87
12/21/2005 12:26	3.80	86
12/21/2005 12:27	3.80	87
12/21/2005 12:28	3.80	87
12/21/2005 12:29	3.90	87
12/21/2005 12:30	3.90	86
12/21/2005 12:31	4.00	87
12/21/2005 12:32	4.00	86
12/21/2005 12:33	3.90	86
12/21/2005 12:34	3.90	87

12/21/2005 12:35	4.20	87
12/21/2005 12:36	3.90	87
12/21/2005 12:37	4.00	87
12/21/2005 12:38	3.90	86
12/21/2005 12:39	4.10	87
12/21/2005 12:40	3.80	87
12/21/2005 12:41	3.80	86
12/21/2005 12:42	3.80	88
12/21/2005 12:43	4.00	86
12/21/2005 12:44	3.90	87
12/21/2005 12:45	3.90	87
12/21/2005 12:46	3.90	87
12/21/2005 12:47	3.90	87
12/21/2005 12:48	3.80	86
12/21/2005 12:49	3.90	87
12/21/2005 12:50	3.80	86
12/21/2005 12:51	4.00	88
12/21/2005 12:52	3.90	86
12/21/2005 12:53	3.80	87
12/21/2005 12:54	3.90	87
12/21/2005 12:55	3.90	86
12/21/2005 12:56	3.90	87
12/21/2005 12:57	3.90	86
12/21/2005 12:58	3.90	87
12/21/2005 12:59	3.90	87
12/21/2005 13:00	3.90	87
12/21/2005 13:01	4.00	88
12/21/2005 13:02	4.00	86
12/21/2005 13:03	3.80	88
12/21/2005 13:04	3.90	87
12/21/2005 13:05	3.90	87
12/21/2005 13:06	3.80	88
12/21/2005 13:07	4.00	86
Final Average*	3.85	87
Maximum*	4.20	88
Minimum*	3.60	85

*Does not include Invalid Averaging Periods ("N/A")

Font11

GE Energy NetDAHS ϕ
Average Values Report
Version 52.0
Generated: 1/4/2006 15:26

Company: Mirant Mid-Atlantic, LLC
Plant: 1400 North Royal Street
City/St: Alexandria, VA 22314-1199
Source: STACK_1, STATUS

Period Start: 12/21/2005 13:42
Period End: 12/21/2005 15:32
Validation Type: 1/1 min
Averaging Period: 1 min
Type: Block Avg

Period Start	C1_OPAC %	CS_C1LOD MW
12/21/2005 13:42	3.90	86
12/21/2005 13:43	4.10	86
12/21/2005 13:44	4.00	87
12/21/2005 13:45	4.10	88
12/21/2005 13:46	4.10	88
12/21/2005 13:47	4.00	87
12/21/2005 13:48	3.90	86
12/21/2005 13:49	4.00	87
12/21/2005 13:50	4.00	87
12/21/2005 13:51	4.00	87
12/21/2005 13:52	3.90	86
12/21/2005 13:53	3.90	86
12/21/2005 13:54	3.90	87
12/21/2005 13:55	4.00	86
12/21/2005 13:56	3.90	86
12/21/2005 13:57	4.00	87
12/21/2005 13:58	3.90	87
12/21/2005 13:59	3.90	87
12/21/2005 14:00	4.10	87
12/21/2005 14:01	4.10	87
12/21/2005 14:02	3.90	86
12/21/2005 14:03	4.00	86
12/21/2005 14:04	3.90	87
12/21/2005 14:05	4.00	86
12/21/2005 14:06	3.90	87
12/21/2005 14:07	4.00	88
12/21/2005 14:08	4.00	87
12/21/2005 14:09	3.90	87
12/21/2005 14:10	4.00	87
12/21/2005 14:11	4.10	88
12/21/2005 14:12	3.90	87
12/21/2005 14:13	4.00	88
12/21/2005 14:14	4.00	87

12/21/2005 14:15	3.90	87
12/21/2005 14:16	3.80	87
12/21/2005 14:17	3.90	87
12/21/2005 14:18	3.80	87
12/21/2005 14:19	4.00	86
12/21/2005 14:20	3.80	87
12/21/2005 14:21	4.00	87
12/21/2005 14:22	3.90	87
12/21/2005 14:23	4.00	87
12/21/2005 14:24	3.90	87
12/21/2005 14:25	4.00	88
12/21/2005 14:26	3.90	87
12/21/2005 14:27	4.10	87
12/21/2005 14:28	4.00	88
12/21/2005 14:29	4.00	88
12/21/2005 14:30	4.00	87
12/21/2005 14:31	3.80	88
12/21/2005 14:32	4.00	88
12/21/2005 14:33	3.90	87
12/21/2005 14:34	3.90	87
12/21/2005 14:35	3.90	88
12/21/2005 14:36	3.90	87
12/21/2005 14:37	4.10	86
12/21/2005 14:38	3.90	87
12/21/2005 14:39	4.00	87
12/21/2005 14:40	4.00	87
12/21/2005 14:41	3.90	88
12/21/2005 14:42	3.80	87
12/21/2005 14:43	4.00	86
12/21/2005 14:44	3.80	87
12/21/2005 14:45	3.90	87
12/21/2005 14:46	3.80	87
12/21/2005 14:47	3.80	86
12/21/2005 14:48	3.90	87
12/21/2005 14:49	4.20	87
12/21/2005 14:50	3.90	88
12/21/2005 14:51	3.90	87
12/21/2005 14:52	4.00	88
12/21/2005 14:53	4.00	87
12/21/2005 14:54	4.00	87
12/21/2005 14:55	4.00	88
12/21/2005 14:56	4.10	86
12/21/2005 14:57	4.20	87
12/21/2005 14:58	4.00	88
12/21/2005 14:59	4.10	87
12/21/2005 15:00	4.00	87
12/21/2005 15:01	4.00	87
12/21/2005 15:02	4.00	86
12/21/2005 15:03	4.00	87

12/21/2005 15:04	3.90	88
12/21/2005 15:05	3.90	88
12/21/2005 15:06	3.90	88
12/21/2005 15:07	3.90	87
12/21/2005 15:08	4.00	86
12/21/2005 15:09	4.00	86
12/21/2005 15:10	4.00	87
12/21/2005 15:11	4.10	88
12/21/2005 15:12	4.10	87
12/21/2005 15:13	4.00	87
12/21/2005 15:14	3.90	88
12/21/2005 15:15	4.00	86
12/21/2005 15:16	4.00	86
12/21/2005 15:17	4.00	87
12/21/2005 15:18	3.80	87
12/21/2005 15:19	4.10	87
12/21/2005 15:20	3.90	87
12/21/2005 15:21	3.90	86
12/21/2005 15:22	3.90	87
12/21/2005 15:23	4.10	87
12/21/2005 15:24	3.80	87
12/21/2005 15:25	4.10	86
12/21/2005 15:26	4.00	86
12/21/2005 15:27	4.00	88
12/21/2005 15:28	3.90	87
12/21/2005 15:29	4.00	87
12/21/2005 15:30	3.90	88
12/21/2005 15:31	4.00	87
12/21/2005 15:32	3.90	87
Final Average*	3.96	87
Maximum*	4.20	88
Minimum*	3.80	86

*Does not include Invalid Averaging Periods ("N/A")

Font11

GE Energy NetDAHS ｳ
Average Values Report
Version 52.0
Generated: 1/4/2006 15:27

Company: Mirant Mid-Atlantic, LLC
Plant: 1400 North Royal Street
City/St: Alexandria, VA 22314-1199
Source: STACK_1, STATUS

Period Start: 12/21/2005 18:02
Period End: 12/21/2005 19:55
Validation Type: 1/1 min
Averaging Period: 1 min
Type: Block Avg

Period Start	C1_OPAC %	CS_C1LOD MW
12/21/2005 18:02	4.10	86
12/21/2005 18:03	4.00	86
12/21/2005 18:04	4.00	85
12/21/2005 18:05	4.10	86
12/21/2005 18:06	3.90	86
12/21/2005 18:07	4.00	85
12/21/2005 18:08	4.00	86
12/21/2005 18:09	4.10	86
12/21/2005 18:10	3.90	87
12/21/2005 18:11	4.10	85
12/21/2005 18:12	4.00	87
12/21/2005 18:13	4.10	86
12/21/2005 18:14	4.00	88
12/21/2005 18:15	4.10	86
12/21/2005 18:16	3.80	87
12/21/2005 18:17	4.10	86
12/21/2005 18:18	4.10	86
12/21/2005 18:19	4.10	86
12/21/2005 18:20	4.00	86
12/21/2005 18:21	3.90	85
12/21/2005 18:22	3.90	86
12/21/2005 18:23	3.90	87
12/21/2005 18:24	3.80	87
12/21/2005 18:25	4.00	87
12/21/2005 18:26	4.00	87
12/21/2005 18:27	4.00	87
12/21/2005 18:28	4.00	86
12/21/2005 18:29	3.90	86
12/21/2005 18:30	3.90	86
12/21/2005 18:31	4.10	86
12/21/2005 18:32	3.90	87
12/21/2005 18:33	4.00	87
12/21/2005 18:34	4.10	87

12/21/2005 18:35	4.10	86
12/21/2005 18:36	3.90	86
12/21/2005 18:37	3.90	87
12/21/2005 18:38	3.80	87
12/21/2005 18:39	4.00	86
12/21/2005 18:40	3.80	87
12/21/2005 18:41	4.20	86
12/21/2005 18:42	4.10	86
12/21/2005 18:43	4.20	87
12/21/2005 18:44	4.10	87
12/21/2005 18:45	4.10	86
12/21/2005 18:46	4.10	86
12/21/2005 18:47	4.00	86
12/21/2005 18:48	3.90	86
12/21/2005 18:49	4.00	88
12/21/2005 18:50	4.00	86
12/21/2005 18:51	4.00	86
12/21/2005 18:52	4.00	87
12/21/2005 18:53	4.10	87
12/21/2005 18:54	3.90	87
12/21/2005 18:55	4.00	86
12/21/2005 18:56	4.10	86
12/21/2005 18:57	4.20	86
12/21/2005 18:58	3.90	87
12/21/2005 18:59	4.10	87
12/21/2005 19:00	4.10	86
12/21/2005 19:01	4.20	87
12/21/2005 19:02	4.00	86
12/21/2005 19:03	4.00	86
12/21/2005 19:04	3.90	86
12/21/2005 19:05	4.00	86
12/21/2005 19:06	3.90	86
12/21/2005 19:07	4.00	86
12/21/2005 19:08	4.00	86
12/21/2005 19:09	4.10	86
12/21/2005 19:10	3.80	87
12/21/2005 19:11	3.90	87
12/21/2005 19:12	3.90	87
12/21/2005 19:13	4.10	86
12/21/2005 19:14	4.00	87
12/21/2005 19:15	4.00	86
12/21/2005 19:16	4.00	87
12/21/2005 19:17	4.00	87
12/21/2005 19:18	4.10	86
12/21/2005 19:19	4.20	87
12/21/2005 19:20	4.00	86
12/21/2005 19:21	4.20	85
12/21/2005 19:22	4.00	86
12/21/2005 19:23	4.10	87

12/21/2005 19:24	4.00	87
12/21/2005 19:25	4.00	87
12/21/2005 19:26	3.90	87
12/21/2005 19:27	3.90	86
12/21/2005 19:28	3.90	86
12/21/2005 19:29	3.90	87
12/21/2005 19:30	3.90	86
12/21/2005 19:31	4.10	86
12/21/2005 19:32	3.90	87
12/21/2005 19:33	3.90	87
12/21/2005 19:34	4.00	87
12/21/2005 19:35	4.00	87
12/21/2005 19:36	3.90	86
12/21/2005 19:37	4.20	87
12/21/2005 19:38	4.10	87
12/21/2005 19:39	4.10	88
12/21/2005 19:40	4.00	87
12/21/2005 19:41	4.20	86
12/21/2005 19:42	4.00	86
12/21/2005 19:43	4.00	87
12/21/2005 19:44	4.10	87
12/21/2005 19:45	4.00	87
12/21/2005 19:46	4.00	85
12/21/2005 19:47	4.00	87
12/21/2005 19:48	4.00	87
12/21/2005 19:49	4.10	86
12/21/2005 19:50	3.90	87
12/21/2005 19:51	4.10	86
12/21/2005 19:52	4.10	87
12/21/2005 19:53	4.00	87
12/21/2005 19:54	3.90	87
12/21/2005 19:55	4.10	86
Final Average*	4.01	86
Maximum*	4.20	88
Minimum*	3.80	85

*Does not include Invalid Averaging Periods ("N/A")

Font11

GE Energy NetDAHS ｱ
Average Values Report
Version 52.0
Generated: 1/4/2006 15:30

Company: Mirant Mid-Atlantic, LLC
Plant: 1400 North Royal Street
City/St: Alexandria, VA 22314-1199
Source: STACK_1, STATUS

Period Start: 12/22/2005 10:51
Period End: 12/22/2005 15:14
Validation Type: 1/1 min
Averaging Period: 1 min
Type: Block Avg

Period Start	C1_OPAC %	CS_C1LOD MW
12/22/2005 10:51	3.50	86
12/22/2005 10:52	3.60	86
12/22/2005 10:53	3.50	85
12/22/2005 10:54	3.50	86
12/22/2005 10:55	3.50	85
12/22/2005 10:56	3.60	85
12/22/2005 10:57	3.60	86
12/22/2005 10:58	3.60	86
12/22/2005 10:59	3.60	86
12/22/2005 11:00	3.60	86
12/22/2005 11:01	3.60	86
12/22/2005 11:02	3.50	85
12/22/2005 11:03	3.50	87
12/22/2005 11:04	3.60	85
12/22/2005 11:05	3.70	85
12/22/2005 11:06	3.60	85
12/22/2005 11:07	3.50	85
12/22/2005 11:08	3.60	86
12/22/2005 11:09	3.60	84
12/22/2005 11:10	3.70	86
12/22/2005 11:11	3.40	85
12/22/2005 11:12	3.60	86
12/22/2005 11:13	3.60	86
12/22/2005 11:14	3.80	86
12/22/2005 11:15	3.50	85
12/22/2005 11:16	3.70	86
12/22/2005 11:17	3.40	86
12/22/2005 11:18	3.60	85
12/22/2005 11:19	3.60	85
12/22/2005 11:20	3.60	86
12/22/2005 11:21	3.50	86
12/22/2005 11:22	3.70	86
12/22/2005 11:23	3.60	85

12/22/2005 11:24	3.60	86
12/22/2005 11:25	3.50	86
12/22/2005 11:26	3.50	86
12/22/2005 11:27	3.60	85
12/22/2005 11:28	3.50	85
12/22/2005 11:29	3.40	86
12/22/2005 11:30	3.60	87
12/22/2005 11:31	3.60	85
12/22/2005 11:32	3.70	85
12/22/2005 11:33	3.60	86
12/22/2005 11:34	3.70	85
12/22/2005 11:35	3.50	86
12/22/2005 11:36	3.70	86
12/22/2005 11:37	3.60	86
12/22/2005 11:38	3.70	85
12/22/2005 11:39	3.60	85
12/22/2005 11:40	3.70	86
12/22/2005 11:41	3.50	86
12/22/2005 11:42	3.60	87
12/22/2005 11:43	3.50	86
12/22/2005 11:44	3.80	85
12/22/2005 11:45	3.60	85
12/22/2005 11:46	3.70	86
12/22/2005 11:47	3.60	85
12/22/2005 11:48	3.70	85
12/22/2005 11:49	3.70	86
12/22/2005 11:50	3.60	85
12/22/2005 11:51	3.50	87
12/22/2005 11:52	3.70	86
12/22/2005 11:53	3.60	85
12/22/2005 11:54	3.60	86
12/22/2005 11:55	3.50	85
12/22/2005 11:56	3.70	86
12/22/2005 11:57	3.50	86
12/22/2005 11:58	3.70	85
12/22/2005 11:59	3.60	86
12/22/2005 12:00	3.70	86
12/22/2005 12:01	3.70	86
12/22/2005 12:02	3.70	84
12/22/2005 12:03	3.50	74
12/22/2005 12:04	3.40	67
12/22/2005 12:05	3.40	62
12/22/2005 12:06	3.40	61
12/22/2005 12:07	3.40	61
12/22/2005 12:08	3.50	61
12/22/2005 12:09	3.30	61
12/22/2005 12:10	3.30	61
12/22/2005 12:11	3.50	60
12/22/2005 12:12	3.50	59

12/22/2005 12:13	3.40	60
12/22/2005 12:14	3.50	58
12/22/2005 12:15	3.50	58
12/22/2005 12:16	3.40	58
12/22/2005 12:17	3.40	58
12/22/2005 12:18	3.60	58
12/22/2005 12:19	3.50	58
12/22/2005 12:20	3.60	59
12/22/2005 12:21	3.50	58
12/22/2005 12:22	3.50	59
12/22/2005 12:23	3.40	58
12/22/2005 12:24	3.40	58
12/22/2005 12:25	3.40	57
12/22/2005 12:26	3.50	57
12/22/2005 12:27	3.40	57
12/22/2005 12:28	3.50	56
12/22/2005 12:29	3.50	57
12/22/2005 12:30	3.60	58
12/22/2005 12:31	3.40	58
12/22/2005 12:32	3.50	58
12/22/2005 12:33	3.40	58
12/22/2005 12:34	3.50	58
12/22/2005 12:35	3.40	58
12/22/2005 12:36	3.40	59
12/22/2005 12:37	3.40	59
12/22/2005 12:38	3.30	59
12/22/2005 12:39	3.40	59
12/22/2005 12:40	3.50	59
12/22/2005 12:41	3.30	59
12/22/2005 12:42	3.50	59
12/22/2005 12:43	3.50	60
12/22/2005 12:44	3.50	59
12/22/2005 12:45	3.40	60
12/22/2005 12:46	3.40	59
12/22/2005 12:47	3.50	59
12/22/2005 12:48	3.60	59
12/22/2005 12:49	3.50	59
12/22/2005 12:50	3.60	59
12/22/2005 12:51	3.50	59
12/22/2005 12:52	3.50	59
12/22/2005 12:53	3.50	60
12/22/2005 12:54	3.60	59
12/22/2005 12:55	3.60	59
12/22/2005 12:56	3.60	59
12/22/2005 12:57	3.40	59
12/22/2005 12:58	3.60	59
12/22/2005 12:59	3.60	59
12/22/2005 13:00	3.60	60
12/22/2005 13:01	3.40	59

12/22/2005 13:02	3.40	59
12/22/2005 13:03	3.40	60
12/22/2005 13:04	3.40	59
12/22/2005 13:05	3.50	59
12/22/2005 13:06	3.50	60
12/22/2005 13:07	3.50	60
12/22/2005 13:08	3.40	59
12/22/2005 13:09	3.60	60
12/22/2005 13:10	3.50	60
12/22/2005 13:11	3.50	59
12/22/2005 13:12	3.50	60
12/22/2005 13:13	3.50	60
12/22/2005 13:14	3.60	59
12/22/2005 13:15	3.60	59
12/22/2005 13:16	3.50	60
12/22/2005 13:17	3.50	60
12/22/2005 13:18	3.60	60
12/22/2005 13:19	3.50	59
12/22/2005 13:20	3.70	59
12/22/2005 13:21	3.50	60
12/22/2005 13:22	3.60	59
12/22/2005 13:23	3.30	60
12/22/2005 13:24	3.50	60
12/22/2005 13:25	3.40	60
12/22/2005 13:26	3.60	60
12/22/2005 13:27	3.50	60
12/22/2005 13:28	3.40	59
12/22/2005 13:29	3.50	60
12/22/2005 13:30	3.50	59
12/22/2005 13:31	3.50	60
12/22/2005 13:32	3.50	59
12/22/2005 13:33	3.50	60
12/22/2005 13:34	3.50	59
12/22/2005 13:35	3.60	59
12/22/2005 13:36	3.50	58
12/22/2005 13:37	3.50	60
12/22/2005 13:38	3.50	59
12/22/2005 13:39	3.50	60
12/22/2005 13:40	3.50	59
12/22/2005 13:41	3.40	59
12/22/2005 13:42	3.40	59
12/22/2005 13:43	3.40	60
12/22/2005 13:44	3.50	60
12/22/2005 13:45	3.50	60
12/22/2005 13:46	3.60	59
12/22/2005 13:47	3.40	59
12/22/2005 13:48	3.40	60
12/22/2005 13:49	3.40	60
12/22/2005 13:50	3.40	59

12/22/2005 13:51	3.50	58
12/22/2005 13:52	3.40	60
12/22/2005 13:53	3.40	59
12/22/2005 13:54	3.50	59
12/22/2005 13:55	3.50	60
12/22/2005 13:56	3.40	59
12/22/2005 13:57	3.40	60
12/22/2005 13:58	3.30	60
12/22/2005 13:59	3.50	60
12/22/2005 14:00	3.50	59
12/22/2005 14:01	3.50	59
12/22/2005 14:02	3.50	60
12/22/2005 14:03	3.50	59
12/22/2005 14:04	3.50	59
12/22/2005 14:05	3.50	59
12/22/2005 14:06	3.60	59
12/22/2005 14:07	3.50	59
12/22/2005 14:08	3.50	60
12/22/2005 14:09	3.50	63
12/22/2005 14:10	3.50	65
12/22/2005 14:11	3.50	68
12/22/2005 14:12	3.60	70
12/22/2005 14:13	3.40	72
12/22/2005 14:14	3.50	76
12/22/2005 14:15	3.40	75
12/22/2005 14:16	3.70	77
12/22/2005 14:17	3.50	76
12/22/2005 14:18	3.60	78
12/22/2005 14:19	3.60	78
12/22/2005 14:20	3.50	77
12/22/2005 14:21	3.60	77
12/22/2005 14:22	3.50	76
12/22/2005 14:23	3.60	77
12/22/2005 14:24	3.50	76
12/22/2005 14:25	3.60	78
12/22/2005 14:26	3.60	79
12/22/2005 14:27	3.70	79
12/22/2005 14:28	3.60	80
12/22/2005 14:29	3.60	81
12/22/2005 14:30	3.70	82
12/22/2005 14:31	3.80	83
12/22/2005 14:32	3.70	84
12/22/2005 14:33	3.60	83
12/22/2005 14:34	3.50	83
12/22/2005 14:35	3.60	83
12/22/2005 14:36	3.60	83
12/22/2005 14:37	3.60	83
12/22/2005 14:38	3.50	85
12/22/2005 14:39	3.70	84

12/22/2005 14:40	3.70	85
12/22/2005 14:41	3.50	85
12/22/2005 14:42	3.60	85
12/22/2005 14:43	3.70	85
12/22/2005 14:44	3.60	85
12/22/2005 14:45	3.60	86
12/22/2005 14:46	3.60	84
12/22/2005 14:47	3.60	85
12/22/2005 14:48	3.70	84
12/22/2005 14:49	3.60	85
12/22/2005 14:50	3.70	84
12/22/2005 14:51	3.50	84
12/22/2005 14:52	3.60	85
12/22/2005 14:53	3.60	85
12/22/2005 14:54	3.50	85
12/22/2005 14:55	3.60	85
12/22/2005 14:56	3.60	87
12/22/2005 14:57	3.70	85
12/22/2005 14:58	3.60	85
12/22/2005 14:59	3.50	85
12/22/2005 15:00	3.60	85
12/22/2005 15:01	3.60	84
12/22/2005 15:02	3.60	85
12/22/2005 15:03	3.70	85
12/22/2005 15:04	3.70	87
12/22/2005 15:05	3.70	85
12/22/2005 15:06	3.60	86
12/22/2005 15:07	3.70	86
12/22/2005 15:08	3.60	85
12/22/2005 15:09	3.60	85
12/22/2005 15:10	3.50	86
12/22/2005 15:11	3.60	86
12/22/2005 15:12	3.50	85
12/22/2005 15:13	3.50	85
12/22/2005 15:14	3.70	85
Final Average*	3.54	72
Maximum*	3.80	87
Minimum*	3.30	56

*Does not include Invalid Averaging Periods ("N/A")

Font11

GE Energy NetDAHS ϕ
Average Values Report
Version 52.0
Generated: 1/4/2006 15:31

Company: Mirant Mid-Atlantic, LLC
Plant: 1400 North Royal Street
City/St: Alexandria, VA 22314-1199
Source: STACK_1, STATUS

Period Start: 12/22/2005 16:34
Period End: 12/22/2005 18:20
Validation Type: 1/1 min
Averaging Period: 1 min
Type: Block Avg

Period Start	C1_OPAC %	CS_C1LOD MW
12/22/2005 16:34	3.80	85
12/22/2005 16:35	3.50	85
12/22/2005 16:36	3.60	85
12/22/2005 16:37	3.60	79
12/22/2005 16:38	3.60	70
12/22/2005 16:39	3.60	69
12/22/2005 16:40	3.60	69
12/22/2005 16:41	3.60	69
12/22/2005 16:42	3.50	69
12/22/2005 16:43	3.60	70
12/22/2005 16:44	3.80	71
12/22/2005 16:45	3.60	72
12/22/2005 16:46	3.60	74
12/22/2005 16:47	3.70	77
12/22/2005 16:48	3.70	79
12/22/2005 16:49	3.90	82
12/22/2005 16:50	3.80	83
12/22/2005 16:51	3.80	83
12/22/2005 16:52	3.90	84
12/22/2005 16:53	3.70	85
12/22/2005 16:54	3.60	86
12/22/2005 16:55	3.90	86
12/22/2005 16:56	3.80	87
12/22/2005 16:57	3.80	86
12/22/2005 16:58	3.80	86
12/22/2005 16:59	3.90	86
12/22/2005 17:00	3.70	86
12/22/2005 17:01	3.80	86
12/22/2005 17:02	3.70	86
12/22/2005 17:03	3.90	86
12/22/2005 17:04	3.80	86
12/22/2005 17:05	3.80	86
12/22/2005 17:06	3.90	86

12/22/2005 17:07	3.90	87
12/22/2005 17:08	3.80	86
12/22/2005 17:09	3.80	87
12/22/2005 17:10	3.80	87
12/22/2005 17:11	3.90	86
12/22/2005 17:12	4.00	87
12/22/2005 17:13	3.80	88
12/22/2005 17:14	3.80	88
12/22/2005 17:15	3.90	87
12/22/2005 17:16	3.80	88
12/22/2005 17:17	3.90	86
12/22/2005 17:18	3.70	88
12/22/2005 17:19	3.60	87
12/22/2005 17:20	3.60	87
12/22/2005 17:21	3.70	88
12/22/2005 17:22	3.60	88
12/22/2005 17:23	3.80	88
12/22/2005 17:24	3.70	87
12/22/2005 17:25	3.70	88
12/22/2005 17:26	3.70	88
12/22/2005 17:27	3.80	88
12/22/2005 17:28	3.80	87
12/22/2005 17:29	3.80	87
12/22/2005 17:30	3.70	86
12/22/2005 17:31	3.80	87
12/22/2005 17:32	3.70	87
12/22/2005 17:33	3.70	88
12/22/2005 17:34	3.70	86
12/22/2005 17:35	3.70	87
12/22/2005 17:36	3.60	87
12/22/2005 17:37	3.60	87
12/22/2005 17:38	3.70	88
12/22/2005 17:39	3.70	87
12/22/2005 17:40	3.60	88
12/22/2005 17:41	3.70	88
12/22/2005 17:42	3.70	87
12/22/2005 17:43	3.70	87
12/22/2005 17:44	3.70	88
12/22/2005 17:45	3.80	88
12/22/2005 17:46	3.60	88
12/22/2005 17:47	3.70	87
12/22/2005 17:48	3.70	87
12/22/2005 17:49	3.70	88
12/22/2005 17:50	3.70	88
12/22/2005 17:51	3.50	88
12/22/2005 17:52	3.60	87
12/22/2005 17:53	3.80	88
12/22/2005 17:54	3.70	86
12/22/2005 17:55	3.70	87

12/22/2005 17:56	3.80	88
12/22/2005 17:57	3.80	87
12/22/2005 17:58	3.80	88
12/22/2005 17:59	3.90	87
12/22/2005 18:00	3.70	87
12/22/2005 18:01	3.70	88
12/22/2005 18:02	3.70	89
12/22/2005 18:03	3.80	88
12/22/2005 18:04	3.60	88
12/22/2005 18:05	3.80	88
12/22/2005 18:06	3.60	88
12/22/2005 18:07	3.60	87
12/22/2005 18:08	3.80	88
12/22/2005 18:09	3.70	88
12/22/2005 18:10	3.60	87
12/22/2005 18:11	3.70	88
12/22/2005 18:12	3.70	88
12/22/2005 18:13	3.70	87
12/22/2005 18:14	3.60	88
12/22/2005 18:15	3.60	87
12/22/2005 18:16	3.90	87
12/22/2005 18:17	3.70	88
12/22/2005 18:18	3.80	88
12/22/2005 18:19	3.70	88
12/22/2005 18:20	3.70	88
Final Average*	3.73	85
Maximum*	4.00	89
Minimum*	3.50	69

*Does not include Invalid Averaging Periods ("N/A")

Font11

GE Energy NetDAHS
Average Values Report
Version 52.0
Generated: 1/4/2006 15:32

Company: Mirant Mid-Atlantic, LLC
Plant: 1400 North Royal Street
City/St: Alexandria, VA 22314-1199
Source: STACK_1, STATUS

Period Start: 12/23/2005 08:52
Period End: 12/23/2005 10:33
Validation Type: 1/1 min
Averaging Period: 1 min
Type: Block Avg

Period Start	C1_OPAC %	CS_C1LOD MW
12/23/2005 08:52	3.40	86
12/23/2005 08:53	3.50	86
12/23/2005 08:54	3.40	85
12/23/2005 08:55	3.40	87
12/23/2005 08:56	3.30	86
12/23/2005 08:57	3.30	86
12/23/2005 08:58	3.40	87
12/23/2005 08:59	3.40	87
12/23/2005 09:00	3.40	87
12/23/2005 09:01	3.40	86
12/23/2005 09:02	3.30	87
12/23/2005 09:03	3.30	86
12/23/2005 09:04	3.40	86
12/23/2005 09:05	3.30	86
12/23/2005 09:06	3.40	87
12/23/2005 09:07	3.50	87
12/23/2005 09:08	3.50	86
12/23/2005 09:09	3.50	86
12/23/2005 09:10	3.50	87
12/23/2005 09:11	3.40	88
12/23/2005 09:12	3.30	87
12/23/2005 09:13	3.40	87
12/23/2005 09:14	3.20	88
12/23/2005 09:15	3.30	88
12/23/2005 09:16	3.40	86
12/23/2005 09:17	3.30	86
12/23/2005 09:18	3.30	87
12/23/2005 09:19	3.30	86
12/23/2005 09:20	3.40	86
12/23/2005 09:21	3.50	87
12/23/2005 09:22	3.30	87
12/23/2005 09:23	3.40	87
12/23/2005 09:24	3.00	86

12/23/2005 09:25	3.40	86
12/23/2005 09:26	3.20	88
12/23/2005 09:27	3.30	87
12/23/2005 09:28	3.30	87
12/23/2005 09:29	3.20	87
12/23/2005 09:30	3.30	86
12/23/2005 09:31	3.40	87
12/23/2005 09:32	3.30	87
12/23/2005 09:33	3.60	87
12/23/2005 09:34	3.40	87
12/23/2005 09:35	3.20	88
12/23/2005 09:36	3.40	86
12/23/2005 09:37	3.30	87
12/23/2005 09:38	3.30	87
12/23/2005 09:39	3.20	86
12/23/2005 09:40	3.30	87
12/23/2005 09:41	3.20	87
12/23/2005 09:42	3.20	87
12/23/2005 09:43	3.30	86
12/23/2005 09:44	3.30	87
12/23/2005 09:45	3.40	88
12/23/2005 09:46	3.40	87
12/23/2005 09:47	3.50	86
12/23/2005 09:48	3.30	86
12/23/2005 09:49	3.40	87
12/23/2005 09:50	3.30	86
12/23/2005 09:51	3.20	86
12/23/2005 09:52	3.40	86
12/23/2005 09:53	3.40	85
12/23/2005 09:54	3.30	86
12/23/2005 09:55	3.40	86
12/23/2005 09:56	3.40	86
12/23/2005 09:57	3.30	86
12/23/2005 09:58	3.30	87
12/23/2005 09:59	3.40	85
12/23/2005 10:00	3.30	85
12/23/2005 10:01	3.20	86
12/23/2005 10:02	3.40	86
12/23/2005 10:03	3.40	86
12/23/2005 10:04	3.40	87
12/23/2005 10:05	3.30	87
12/23/2005 10:06	3.30	86
12/23/2005 10:07	3.20	86
12/23/2005 10:08	3.40	86
12/23/2005 10:09	3.30	86
12/23/2005 10:10	3.20	85
12/23/2005 10:11	3.30	85
12/23/2005 10:12	3.40	84
12/23/2005 10:13	3.30	86

12/23/2005 10:14	3.40	84
12/23/2005 10:15	3.20	85
12/23/2005 10:16	3.50	86
12/23/2005 10:17	3.40	86
12/23/2005 10:18	3.40	85
12/23/2005 10:19	3.40	85
12/23/2005 10:20	3.50	87
12/23/2005 10:21	3.40	86
12/23/2005 10:22	3.30	86
12/23/2005 10:23	3.40	86
12/23/2005 10:24	3.30	86
12/23/2005 10:25	3.40	85
12/23/2005 10:26	3.20	86
12/23/2005 10:27	3.30	86
12/23/2005 10:28	3.40	86
12/23/2005 10:29	3.40	87
12/23/2005 10:30	3.40	86
12/23/2005 10:31	3.30	86
12/23/2005 10:32	3.40	86
12/23/2005 10:33	3.40	85
Final Average*	3.35	86
Maximum*	3.60	88
Minimum*	3.00	84

*Does not include Invalid Averaging Periods ("N/A")

APPENDIX E

EQUIPMENT CALIBRATION DATA SHEETS

APPENDIX TABLE

Alternative Method 5 Post-Test Calibration
EPA Approved Alternative Method (ALT-009)
Mirant
Unit 1 Stack
Alexandria, VA

Meter Box #: M9

Calibrated by: JL
5-Pt Cal Date: 4/26/05

Delta H @ 1.781
Gamma, initial 0.9821

1) Does the Meter Box pass the leak check procedure defined in 5.6 of Method 5? _____ Yes _____ No

2) Calculate Yqa for each test run using the following equation:

$$Y_{qa} = \frac{\theta}{V_m}\sqrt{\frac{0.0319\,T_m \quad 29}{\Delta H_{@}\left(P_b + \Delta\frac{H_{avg}}{13.6}\right) M_d}}\;(\sqrt{\Delta H})_{avg}$$

where:

Yqa	dry gas meter calibration check value, dimensionless.
q	total run time, min.
Vm	total sample volume measured by dry gas meter, dcf.
Tm	absolute average dry gas meter temp., °R.
Pb	barometric pressure, in. Hg.
0.0319	= (29.92/528)(0.75)2 (in. Hg/°/R) cfm2.
DHavg	average orifice meter differential, in. H20.
DH@	orifice meter calibration coefficient, in. H2O.
Md	dry molecular weight of stack gas, lb/lb-mole.
29	dry molecular weight of air, lb/lb-mole.
13.6	specific gravity of mercury.

After each test run series, do the following:

Average the three or more Yqa's obtained from the test run series and compare this average with the dry gas meter calibration factor, Y. The average Yqa must be within 5 percent of Y.

If the average Yqa does not meet the +5 percent criterion, recalibrate the meter over the full range of orifice settings, as detailed in Section 5.3.1 of Method 5. Then follow the procedure in Section 5.3.3 of Method 5.

	Test 1	Test 3	Test 4	Average
time	97.25	90.00	89.75	
Vm - total	39.056	36.474	36.118	
Tm avg	50.3	57.0	63.3	
Tm -R	510	517	523	
Barometric	30.05	30.15	29.91	
DH_{avg}	0.54	0.54	0.54	
DH@	1.7810	1.7810	1.7810	
Md stack gas	30.54	30.52	30.54	
Md Air	29.00	29.00	29.00	
Meter Box Gamma	0.9821	0.9821	0.9821	
QA Gamma	0.9826	0.9790	0.9955	
Difference:	0.1%	0.3%	1.4%	0.6%
within 5%?				PASS

Dry Gas Meter 5-Point Full Test

Meter Box ID	**M9**	**Barometric Pressure**	**29.62**
Date	**4/26/2005**		
Calibrated By	**D. Long**	**Orifice Set Calibration Date**	**2/24/2005**

	Run #1	Run #2	Run #1	Run #2	Run #1	Run #2	Run #1	Run #2	Run #1	Run #2
Orifice ID	MS-40		BU-48		BU-55		BU-63		BU-73	
Orifice Coefficient K'	0.2397		0.3455		0.4594		0.5922		0.8128	
Ambient Temperature	67	68	68	69	67	67	67	67	67	67
	Meter Readings									
Vacuum (≥14.9" Hg)	24	24	23	23	22	22	21	21	19	19
Delta H	0.29	0.29	0.64	0.64	1.10	1.10	1.90	1.90	3.60	3.60
Initial Volume Ft^3	1028.300	1034.300	40.500	48.000	1016.100	1023.000	994.000	1002.800	972.400	986.900
Final Volume Ft^3	1033.900	1040.100	47.700	53.000	1022.600	1028.000	1002.300	1015.600	986.500	992.900
Total (≥5 Ft^3)	5.6	5.8	7.2	5	6.5	5	8.3	12.8	14.1	6
Initial DGM Temperature °F	70	71	71	71	70	70	68	69	66	68
Final DGM Temperature °F	71	71	71	71	70	70	69	70	68	68
Average Temperature °F	70.5	71.0	71.0	71.0	70.0	70.0	68.5	69.5	67.0	68.0
Time Minutes	17	18	15	10	10	8	10	16	13	5
Time Seconds	36.09	12.44	42.38	53.62	40.46	12.31	34.09	17.03	7.17	34.53
Delta H@	1.683	1.684	1.792	1.796	1.746	1.746	1.828	1.824	1.859	1.855
Gamma (Y)	0.9863	0.9850	0.9858	0.9836	0.9847	0.9840	0.9795	0.9805	0.9755	0.9761
Average Gamma (Y)	**Pass**	**0.9857**	**Pass**	**0.9847**	**Pass**	**0.9844**	**Pass**	**0.9800**	**Pass**	**0.9758**

Gamma (Y)	**0.9821**
Delta H@	**1.781**

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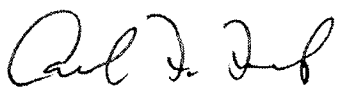
QA / QC Check: Sign and Date  05-10-05

Dry Gas Meter Temperature Display Calibration

Meter Box ID	**M9**	**Reference Calibrator**	**Omega-CL23A**
Date	**4/26/2005**	**Serial Number**	**T-235647**
Calibrated By	**D. Long**	**Reference Calibration Date**	**6/28/2004**

Input Temperature		Temperature Reading from Individual Thermocouple Input[1]									
		Channel Number									
Deg. F	Deg. R	1	% Diff	2	% Diff	3	% Diff	4	% Diff	5	% Diff
0	460	2	-0.4%	2	-0.4%	2	-0.4%	2	-0.4%	2	-0.4%
50	510	50	0.0%	50	0.0%	50	0.0%	50	0.0%	50	0.0%
100	560	100	0.0%	100	0.0%	100	0.0%	100	0.0%	100	0.0%
500	960	499	0.1%	499	0.1%	499	0.1%	499	0.1%	499	0.1%
900	1360	901	-0.1%	901	-0.1%	901	-0.1%	901	-0.1%	901	-0.1%
1900	2360	1901	0.0%	1901	0.0%	1901	0.0%	1901	0.0%	1901	0.0%
		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

[1] - Channel temperatures must agree with +/- 5 °F or 3 °C

[2] - Acceptable temperature difference is less than 1.5 %

Dry Gas Meter Thermocouple Calibration[3]

Readout Display Temperature oF	Reference Thermometer °F	Percent Difference
69	68	0.2%

[3] - Dry gas meter thermicouple is compared to an ASTM type mercury in glass reference thermometer

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QA / QC Check: Sign and Date  05-10-05

Pitot Tube Inspection Sheet

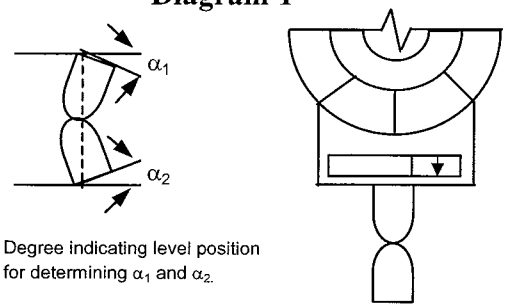
TRC
Custom-Focused Solutions

Pitot Number:	RPM10-6	Calibrated By:	J.R. Lowe
Inspection Date:	01/18/2005	Reviewed By:	C. Fink

Pitot Type: Detachable Tip [ ] Fixed [ ] PM10 [X]

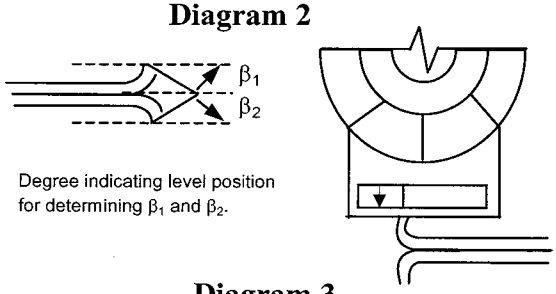
Wind Tunnel Calibration? No [X] Yes [ ] ⟹ Coefficient: A side [ ] B side [ ]

Diagram 1



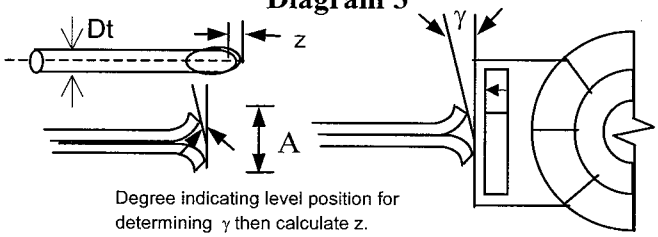
Degree indicating level position for determining α_1 and α_2.

Diagram 2

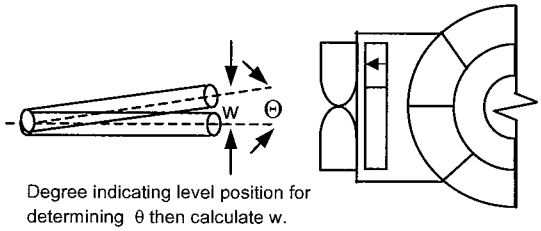


Degree indicating level position for determining β_1 and β_2.

Diagram 3



Degree indicating level position for determining γ then calculate z.



Degree indicating level position for determining θ then calculate w.

Level?	YES
Obstructions?	NO
Damaged?	NO
Diagram 1	
$-10^\circ < \alpha_1 < +10^\circ =$	1
$-10^\circ < \alpha_2 < +10^\circ =$	0
Diagram 2	
$-5^\circ < \beta_1 < +5^\circ =$	2
$-5^\circ < \beta_2 < +5^\circ =$	2
Diagram 3	
$\gamma =$	2
$\Theta =$	0
$A =$	0.900
$P_a = P_b = A/2 =$	0.450
$0.188" \leq D_t \leq 0.375" =$	0.370
$1.05\ D_t < A/2 < 1.5\ D_t =$	YES
$z = A \tan \gamma < 0.125" =$	0.0314
$w = A \tan \Theta < 0.03125" =$	0.0000
w and z meet specs?	YES

Comments: previously numbered PT-12

The pitot tube/probe meets or exceeds all specifications criteria and/or applicable design features and is hereby assigned a pitot tube coefficient factor of 0.84, unless a specific wind tunnel calibration coefficient has been determined.

40 CFR 60, Appendix A, Method 2. Verify the minimum 3/4 inch separation between the pitot tube and the nozzle and minimum 2 inch setback of the thermocouple (or 3/4" separation) in the assembled probe.

Pitot Tube Inspection Sheet

TRC
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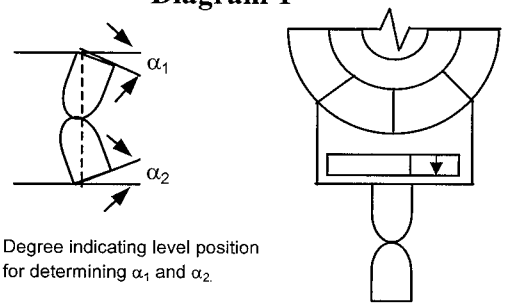
Pitot Number:	RPM10-7	Calibrated By:	J.R. Lowe
Inspection Date:	01/18/2005	Reviewed By:	C. Fink

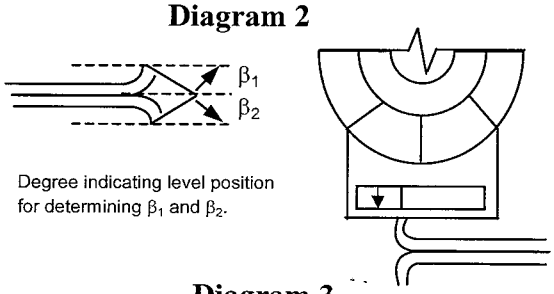
Pitot Type:	Detachable Tip		Fixed		PM10	X	
Wind Tunnel Calibration?	No	X	Yes		Coefficient:	A side	
						B side	

Diagram 1



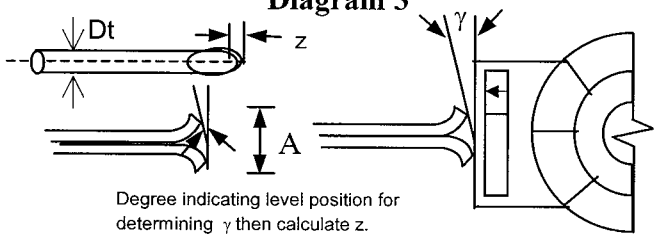
Degree indicating level position for determining α_1 and α_2.

Diagram 2

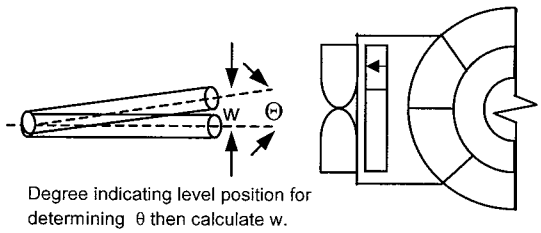


Degree indicating level position for determining β_1 and β_2.

Diagram 3



Degree indicating level position for determining γ then calculate z.



Degree indicating level position for determining θ then calculate w.

Level?	YES
Obstructions?	NO
Damaged?	NO
Diagram 1	
$-10^\circ < \alpha_1 < +10^\circ =$	-1
$-10^\circ < \alpha_2 < +10^\circ =$	0
Diagram 2	
$-5^\circ < \beta_1 < +5^\circ =$	2
$-5^\circ < \beta_2 < +5^\circ =$	0
Diagram 3	
$\gamma =$	2
$\Theta =$	0
$A =$	0.990
$P_a = P_b = A/2 =$	0.495
$0.188" \leq D_t \leq 0.375" =$	0.370
$1.05\ D_t < A/2 < 1.5\ D_t =$	YES
$z = A \tan \gamma < 0.125" =$	0.0346
$w = A \tan \Theta < 0.03125" =$	0.0000
w and z meet specs?	YES

Comments: previously numbered PT-13

The pitot tube/probe meets or exceeds all specifications criteria and/or applicable design features and is hereby assigned a pitot tube coefficient factor of 0.84, unless a specific wind tunnel calibration coefficient has been determined.

40 CFR 60, Appendix A, Method 2. Verify the minimum 3/4 inch separation between the pitot tube and the nozzle and minimum 2 inch setback of the thermocouple (or 3/4" separation) in the assembled probe.

THERMOCOUPLE CALIBRATION DATA FORM

TRC

TRC Environmental Corp

THERMOCOUPLE ID: RT-7E **PITOT or PROBE ID:** RPT-19 / Probe RP-7E

3-POINT CALIBRATION							
Date	*Calibrated By*	*Source (specify)*	*Reference Temp, ° F*	*Thermocouple Temp, ° F*	*Percent Error (1)*	*Mantle Heat -250 F*	*Reviewed By*
06/10/03	J. Winslow	Ambient	82.8	80.8	-0.37	N/A	C. Fink
		Ice H_2O	32.9	33.4	0.10	N/A	
		Boiling H_2O	212	211	-0.15	N/A	

EPA APPROVED ALTERNATIVE METHOD (Alt - 011) SINGLE POINT CALIBRATION							
Date	*Calibrated By*	*Reference Temp, ° F (2)*	*Thermocouple Temp, ° F*	*Difference (3) (within ± 2° F)*	*Continuity Check (4)*	*Pass / Fail*	*Reviewed By*
01/13/05	J. Lowe	74	73	-1.0	Good	Pass	C. Fink
10/25/05	J. Lowe	75	75	0.0	Good	Pass	C. Fink
12/29/05	J. Kunstliing	70	70	0.0	Good	Pass	J. Kunstling

1) % error = $\frac{(\text{Thermocouple Temperature} + 460) - (\text{Reference Temperature} + 460) \times 100}{\text{Reference Temperature} + 460}$, should be < 1.5%

2) Reference Thermometer is mercury-in-glass and ASTM certified, unless otherwise noted.

3) After each test run series, check the accuracy (and, hence, the calibration) of each thermocouple system at ambient temperature. The temperatures of the thermocouple and reference thermometers shall agree within + 2°F

4) The continuity check involves subjecting the tip of the thermocouple to a change in temperature to check for crimps, loose connections, or reversed connections. Thermocouples with crimps and loose connections will not immediately respond to temperature changes, and those with reversed connections will show a temperature change in the opposite direction.

THERMOCOUPLE CALIBRATION DATA FORM

TRC

TRC Environmental Corp

THERMOCOUPLE ID: RT-7H **PITOT or PROBE ID:** Probe 7H

3-POINT CALIBRATION							
Date	*Calibrated By*	*Source (specify)*	*Reference Temp, ° F*	*Thermocouple Temp, ° F*	*Percent Error (1)*	*Mantle Heat -250 F*	*Reviewed By*
11/04/05	D. Brewster	Ice H_2O	33.0	33.0	0.00	N/A	J. Kunstling
		Ambient	78.0	79.0	0.19	N/A	
		Boiling H_2O	209.0	210.0	0.15	N/A	

EPA APPROVED ALTERNATIVE METHOD (Alt - 011) SINGLE POINT CALIBRATION							
Date	*Calibrated By*	*Reference Temp, ° F (2)*	*Thermocouple Temp, ° F*	*Difference (3) (within ± 2° F)*	*Continuity Check (4)*	*Pass / Fail*	*Reviewed By*
11/04/05	D. Brewster	78	79	1.0	Good	Pass	J. Kunstling
12/29/05	J. Kunstling	70	70	0.0	Good	Pass	J. Kunstling

1) % error = $\frac{(\text{Thermocouple Temperature} + 460) - (\text{Reference Temperature} + 460) \times 100}{\text{Reference Temperature} + 460}$, should be < 1.5%

2) Reference Thermometer is mercury-in-glass and ASTM certified, unless otherwise noted.

3) After each test run series, check the accuracy (and, hence, the calibration) of each thermocouple system at ambient temperature. The temperatures of the thermocouple and reference thermometers shall agree within + 2°F

4) The continuity check involves subjecting the tip of the thermocouple to a change in temperature to check for crimps, loose connections, or reversed connections. Thermocouples with crimps and loose connections will not immediately respond to temperature changes, and those with reversed connections will show a temperature change in the opposite direction.

Nozzle Calibration

Date 8-14-03 Calibrator: CAS

Nozzle Box ID 31 Nozzle Type: PM-10

ID	D_1 (")	D_2 (")	D_3 (")	D (")	Average (")
3101	0.137	0.138	0.138	0.001	0.138
3102	0.150	0.150	0.149	0.001	0.150
3103	0.161	0.160	0.161	0.001	0.161
3104	0.179	0.180	0.181	0.002	0.180
3105	0.196	0.197	0.197	0.001	0.197
3106	0.214	0.215	0.216	0.002	0.215
3107	0.241	0.240	0.239	0.002	0.240
3108	0.265	0.264	0.265	0.001	0.264
3109	0.305	0.306	0.307	0.002	0.306
3110	0.341	0.342	0.341	0.001	0.341
3111	0.396	0.395	0.394	0.002	0.395

$D_{1,2,3}$ = Nozzle Diameter, Measured Different Diameter. Tolarance=0.001"

D = Maximum Difference in any two Measurements. Tolerence=0.004"

Average = Average of $D_{1,2,3}$

Nozzle Calibration

Date 11-8-03 Calibrator: CCS

Nozzle Box ID 32 Nozzle Type: 10 M-10

ID	D_1 (")	D_2 (")	D_3 (")	D (")	Average (")
3201	0.136	0.135	0.135	0.001	0.135
3202	0.150	0.149	0.151	0.002	0.150
3203	0.165	0.163	0.164	0.002	0.164
3204	0.179	0.180	0.179	0.001	0.179
3205	0.195	0.194	0.195	0.001	0.195
3206	0.212	0.215	0.214	0.003	0.214
3207	0.232	0.233	0.231	0.002	0.232
3208	0.261	0.260	0.261	0.001	0.261
3209	0.296	0.297	0.298	0.002	0.297
3210	0.340	0.341	0.339	0.002	0.340
3211	0.388	0.389	0.388	0.001	0.388

$D_{1,2,3}$ = Nozzle Diameter, Measured Different Diameter. Tolarance=0.001"

D = Maximum Difference in any two Measurements. Tolerence=0.004"

Average = Average of $D_{1,2,3}$