GE ENERGY SERVICES

GE Mostardi Platt
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EXECUTIVE SUMMARY

Performed At
A. Finkl & Sons Co.
Melt Shop Roof Vents
Chicago, Illinois

Test Dates
June 3 through 6, 2003

Report No.
GE Mostardi Platt Report M22G0022A

Report Submittal Date
July 11, 2003

TEST PURPOSE:	To evaluate the opacity of visible emissions from the A. Finkl & Sons Melt Shop Roof Vents during specific operating conditions.
TEST METHODS:	Method 9, USEPA, Title 40, Code of Federal Regulations 40CFR Part 60, Appendix B and the latest thereof.
APPENDICES:	Visible Emissions Data Field Data Sheets Observer Certification

Respectfully submitted,

GE MOSTARDI PLATT

Kelli McGuire

Kelli E. McGuire
Project Assistant

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APPENDIX

METHOD 9 REDUCED FIELD DATA
PROJECT NUMBER: M22G0022

Test Date: June 03, 2003
Facility: A Finkl Sons Co.
Location: Melt Shop Roof Vents
Process:

Start Time: 5:30
End Time: 6:00

Test Number: 1 of 3

Test Results:

Maximum 6 Minute Average:	22.5 %
Average Opacity:	3.4 %
Maximum Opacity:	35.0 %
Minimum Opacity:	0.0 %
# of Readings >20%:	22
Number of Readings:	600

Interval	0	15	30	45

Interval	0	15	30	45
1	10	10	10	15
2	15	20	20	20
3	25	20	20	25
4	20	15	30	15
5	25	20	15	10
6	10	5	5	5
7	5	5	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0

METHOD 9 REDUCED FIELD DATA
PROJECT NUMBER: M22G0022

Test Date: June 03, 2003
Facility: A Finkl Sons Co.
Location: Melt Shop Roof Vents
Process:

Start Time: 6:00
End Time: 7:00

Test Number: 2 of 3

Test Results:
see start page

Interval	0	15	30	45
31	0	0	0	0
32	0	0	0	0
33	0	0	0	0
34	0	0	0	0
35	0	0	0	0
36	0	0	0	0
37	0	0	0	0
38	0	0	0	0
39	0	0	0	0
40	0	0	0	0
41	0	0	0	0
42	0	0	0	0
43	0	0	0	0
44	0	0	0	0
45	0	0	0	0
46	0	0	0	0
47	0	0	0	0
48	0	0	0	0
49	0	0	0	0
50	0	0	0	0
51	0	0	0	0
52	0	0	0	0
53	10	20	20	25
54	20	15	15	10
55	10	10	10	10
56	10	5	5	5
57	0	0	0	0
58	0	0	5	5
59	5	20	30	35
60	35	20	10	10

Interval	0	15	30	45
61	20	20	20	30
62	30	30	25	30
63	25	25	25	20
64	20	20	20	10
65	10	10	10	10
66	15	10	5	5
67	5	5	5	5
68	5	5	5	5
69	5	5	5	5
70	5	5	5	5
71	5	5	5	5
72	5	0	0	0
73	0	5	5	0
74	5	5	5	5
75	5	5	0	0
76	0	0	0	0
77	0	0	0	0
78	0	0	0	0
79	0	0	0	0
80	0	0	0	0
81	0	0	0	0
82	0	0	0	0
83	0	0	0	0
84	0	0	0	0
85	0	0	0	0
86	0	0	0	0
87	0	0	0	0
88	0	0	0	0
89	0	0	0	0
90	0	0	0	0

METHOD 9 REDUCED FIELD DATA
PROJECT NUMBER: M22G0022

Test Date: June 03, 2003
Facility: A Finkl Sons Co.
Location: Melt Shop Roof Vents
Process:

Start Time: 7:00
End Time: 8:00

Test Number: 3 of 3

Test Results:
see start page

Interval	0	15	30	45
91	0	0	0	0
92	0	0	0	0
93	0	0	0	0
94	0	0	0	0
95	0	0	0	10
96	10	10	10	5
97	5	0	0	0
98	0	0	0	0
99	0	0	0	0
100	0	0	0	0
101	0	0	0	0
102	0	0	0	0
103	0	0	0	0
104	0	0	0	0
105	0	0	0	0
106	0	0	0	0
107	0	0	0	0
108	0	0	0	0
109	0	0	0	0
110	0	0	0	0
111	0	0	0	0
112	0	0	0	0
113	0	0	0	0
114	0	0	0	0
115	0	0	0	0
116	0	0	0	0
117	0	0	0	0
118	0	0	0	0
119	0	0	0	0
120	0	0	0	0

Interval	0	15	30	45
121	0	0	0	0
122	0	0	0	0
123	0	0	0	0
124	0	0	0	0
125	0	0	0	0
126	0	0	0	0
127	0	0	0	0
128	0	0	0	0
129	0	0	0	0
130	0	0	0	0
131	0	0	0	0
132	0	0	0	0
133	0	0	0	10
134	10	15	10	10
135	10	15	20	20
136	20	15	15	20
137	20	20	15	10
138	5	5	10	20
139	20	10	10	10
140	5	5	5	5
141	5	5	5	5
142	5	5	5	10
143	25	30	35	35
144	25	30	10	5
145	5	0	0	0
146	0	5	5	5
147	5	0	0	10
148	5	5	0	0
149	0	0	0	0
150	0	0	0	0

METHOD 9 REDUCED FIELD DATA
PROJECT NUMBER: M22G0022

Test Date: June 04,2003
Facility: A Finkl Sons Co.
Location: Melt Shop Roof Vents
Process:

Start Time: 5:22
End Time: 6:00

Test Number: 1 of 3

Test Results:

Maximum 6 Minute Average: 3.1 %
Average Opacity: 0.3 %
Maximum Opacity: 10.0 %
Minimum Opacity: 0.0 %
# of Readings >20%: 0
Number of Readings: 536

Interval	0	15	30	45
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0

Interval	0	15	30	45
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0
31	0	0	0	0
32	0	0	0	0
33	0	0	0	0
34	0	0	0	0
35	0	0	0	0
36	0	0	0	0
37	0	0	0	0
38	0	0	0	0

METHOD 9 REDUCED FIELD DATA
PROJECT NUMBER: M22G0022

Test Date:	June 04,2003	Start Time:	6:00
Facility:	A Finkl Sons Co.	End Time:	7:00
Location:	Melt Shop Roof Vents		
Process:		Test Number:	2 of 3

Test Results:
see start page

Interval	0	15	30	45
31	0	0	0	0
32	0	0	0	0
33	0	0	0	0
34	0	0	0	0
35	0	0	0	0
36	0	0	0	0
37	0	0	0	0
38	0	0	0	0
39	0	0	0	0
40	0	0	0	0
41	0	0	0	0
42	0	0	0	0
43	0	0	0	0
44	0	0	0	0
45	0	0	0	0
46	0	0	0	0
47	0	0	0	0
48	0	0	0	0
49	0	0	0	0
50	0	0	0	0
51	0	0	0	0
52	0	0	0	0
53	0	0	0	0
54	0	0	0	0
55	0	0	0	0
56	0	0	0	0
57	0	0	0	0
58	0	0	0	0
59	0	0	0	0
60	0	0	0	0

Interval	0	15	30	45
61	0	0	0	0
62	0	0	0	0
63	0	0	0	0
64	0	0	0	0
65	0	0	0	0
66	0	0	0	0
67	0	0	0	0
68	0	0	0	0
69	0	0	0	0
70	0	0	0	0
71	0	0	0	0
72	0	0	0	0
73	0	0	0	0
74	0	0	0	0
75	0	0	0	0
76	0	0	0	0
77	0	0	0	0
78	0	0	0	0
79	0	0	0	0
80	0	0	0	0
81	0	0	0	0
82	0	0	0	0
83	0	0	0	0
84	0	0	0	0
85	0	0	0	0
86	0	0	0	0
87	0	0	0	0
88	0	0	0	0
89	0	0	0	0
90	0	0	0	0

METHOD 9 REDUCED FIELD DATA
PROJECT NUMBER: M22E0043

Test Date: June 04,2003
Facility: A Finkl Sons Co.
Location: Melt Shop Roof Vents
Process:

Start Time: 7:00
End Time: 7:35

Test Number: 3 of 3

Test Results:
see start page

Interval	0	15	30	45
91	0	0	0	0
92	0	0	0	0
93	0	0	0	0
94	0	0	0	0
95	0	0	0	0
96	0	0	0	0
97	0	0	0	0
98	0	0	0	0
99	0	0	0	0
100	0	0	0	0
101	0	0	0	0
102	0	0	0	0
103	0	0	0	0
104	0	0	0	0
105	0	0	0	0
106	0	0	0	0
107	0	0	0	0
108	0	0	0	0
109	0	0	0	0
110	5	5	5	5
111	0	10	5	5
112	5	10	10	5
113	5	0	0	0
114	0	0	0	0
115	0	0	0	0
116	0	0	0	5
117	5	5	5	5
118	10	5	0	0
119	0	5	5	0
120	0	0	0	0

Interval	0	15	30	45
121	10	0	0	0
122	0	0	5	5
123	0	0	5	5
124	5	0	0	0
125	0	0	0	0
126	0	0	0	0

METHOD 9 REDUCED FIELD DATA
PROJECT NUMBER: M22G0022

Test Date: June 05,2003
Facility: A Finkl Sons Co.
Location: Melt Shop Roof Vents
Process:

Start Time: 5:20
End Time: 6:00

Test Number: 1 of 4

Test Results:

Maximum 6 Minute Average:	12.1 %
Average Opacity:	2.3 %
Maximum Opacity:	35.0 %
Minimum Opacity:	0.0 %
# of Readings >20%:	8
Number of Readings:	640

Interval	0	15	30	45
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	5	10	5	10
6	20	15	20	15
7	10	5	5	5
8	5	5	10	10
9	10	10	5	5
10	5	5	5	10

Interval	0	15	30	45
11	25	20	20	20
12	15	10	5	5
13	5	5	5	5
14	5	5	5	5
15	5	5	10	5
16	5	5	5	5
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	10	10	5
28	5	5	5	0
29	0	5	0	10
30	15	10	15	15
31	20	15	5	5
32	0	5	5	10
33	10	10	5	5
34	5	25	20	20
35	15	10	10	10
36	5	5	5	5
37	5	5	0	0
38	0	0	0	0
39	0	0	0	0
40	0	0	0	0

METHOD 9 REDUCED FIELD DATA
PROJECT NUMBER: M22G0022

Test Date: June 05,2003
Facility: A Finkl Sons Co.
Location: Melt Shop Roof Vents
Process:

Start Time: 6:00
End Time: 7:00

Test Number: 2 of 4

Test Results:
see start page

Interval	0	15	30	45
41	0	0	0	0
42	0	0	0	0
43	0	0	0	0
44	0	0	0	0
45	0	0	0	0
46	0	0	0	0
47	0	0	0	0
48	0	0	0	0
49	0	0	0	0
50	0	5	10	10
51	10	15	10	10
52	10	5	0	0
53	0	0	0	0
54	0	0	0	0
55	0	0	0	0
56	0	0	0	0
57	0	0	0	0
58	0	0	0	0
59	0	0	0	0
60	0	0	0	0
61	0	0	0	0
62	0	0	0	0
63	0	0	0	0
64	0	0	0	0
65	0	0	0	0
66	0	0	0	0
67	0	0	0	0
68	0	0	0	0
69	0	0	0	0
70	0	0	0	0

Interval	0	15	30	45
71	0	0	0	0
72	0	0	0	0
73	0	0	0	0
74	0	0	0	0
75	0	0	0	0
76	0	0	0	0
77	0	0	0	0
78	0	0	0	0
79	0	0	0	0
80	0	0	0	0
81	0	0	0	0
82	0	0	0	0
83	0	0	0	0
84	0	0	0	0
85	0	0	0	0
86	0	0	0	0
87	0	0	0	10
88	5	5	0	0
89	0	0	0	0
90	0	0	0	0
91	0	0	0	0
92	0	0	0	0
93	0	0	0	0
94	0	0	0	0
95	0	0	0	0
96	0	10	10	10
97	10	5	5	0
98	0	0	0	0
99	0	0	0	0
100	0	0	0	0

METHOD 9 REDUCED FIELD DATA
PROJECT NUMBER: M22E0043

Test Date: June 05,2003
Facility: A Finkl Sons Co.
Location: Melt Shop Roof Vents
Process:

Start Time: 7:00
End Time: 8:00

Test Number: 3 of 4

Test Results:
see start page

Interval	0	15	30	45
101	0	0	0	0
102	0	0	0	0
103	0	0	0	0
104	0	0	0	0
105	0	0	0	0
106	0	0	0	0
107	0	0	0	0
108	0	0	0	0
109	0	0	0	0
110	0	0	0	0
111	0	0	0	0
112	0	0	0	0
113	0	0	0	0
114	0	0	0	0
115	0	0	0	0
116	0	0	0	0
117	0	0	0	0
118	0	0	10	30
119	35	30	25	15
120	10	5	5	0
121	0	0	0	0
122	0	0	0	0
123	0	0	0	0
124	0	0	0	0
125	0	0	0	0
126	0	0	0	0
127	0	0	0	0
128	0	0	0	0
129	0	0	0	0
130	0	0	0	0

Interval	0	15	30	45
131	10	0	0	0
132	0	0	5	5
133	0	0	5	5
134	5	0	0	0
135	0	0	0	0
136	0	0	0	0
137	0	0	0	0
138	0	0	0	0
139	0	0	0	0
140	0	0	0	0
141	0	0	0	0
142	0	0	0	0
143	0	0	0	0
144	0	0	0	0
145	0	0	0	0
146	0	0	0	0
147	0	0	0	0
148	0	0	0	0
149	0	0	0	0
150	0	20	25	25
151	20	20	15	15
152	20	20	15	10
153	10	10	10	5
154	5	5	10	5
155	5	5	5	5
156	5	5	5	5
157	5	5	5	5
158	5	5	5	5
159	5	5	0	0
160	0	5	0	0

METHOD 9 REDUCED FIELD DATA
PROJECT NUMBER: M22E0043

Test Date: June 05,2003
Facility: A Finkl Sons Co.
Location: Melt Shop Roof Vents
Process:

Start Time: 8:00
End Time: 8:15

Test Number: 4 of 4

Test Results:
see start page

Interval	0	15	30	45
161	0	5	5	5
162	5	5	5	5
163	5	5	5	5
164	5	5	5	0
165	0	10	5	5
166	5	0	0	0
167	0	0	0	0
168	0	0	0	0
169	0	0	0	0
170	0	0	0	0
171	0	0	0	0
172	0	0	0	0
173	0	0	0	0
174	0	0	0	0

Interval	0	15	30	45

METHOD 9 REDUCED FIELD DATA
PROJECT NUMBER: M22G0022

Test Date:	June 06,2003	Start Time:	5:20
Facility:	A Finkl Sons Co.	End Time:	6:00
Location:	Melt Shop Roof Vents		
Process:		Test Number:	1 of 5

Test Results:

Maximum 6 Minute Average:	22.7 %
Average Opacity:	2.5 %
Maximum Opacity:	50.0 %
Minimum Opacity:	0.0 %
# of Readings >20%:	20
Number of Readings:	640

Interval	0	15	30	45
1	5	10	20	10
2	10	10	20	20
3	25	30	25	25
4	5	5	5	5
5	5	5	5	10
6	10	10	5	5
7	10	10	5	5
8	5	5	5	5
9	5	0	0	0
10	0	0	0	0

Interval	0	15	30	45
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	40	45	45	50
23	35	25	20	15
24	10	5	5	5
25	5	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0
31	0	0	0	0
32	0	0	0	0
33	0	0	0	0
34	0	0	0	0
35	0	0	0	0
36	0	0	0	0
37	0	0	0	0
38	0	0	0	0
39	0	0	0	0
40	0	0	0	0

METHOD 9 REDUCED FIELD DATA
PROJECT NUMBER: M22G0022

Test Date: June 06,2003
Facility: A Finkl Sons Co.
Location: Melt Shop Roof Vents
Process:

Start Time: 6:00
End Time: 7:00

Test Number: 2 of 5

Test Results:
see start page

Interval	0	15	30	45
41	0	0	0	0
42	0	0	0	0
43	0	0	0	0
44	0	0	0	0
45	0	0	0	0
46	0	0	0	0
47	0	0	0	0
48	0	0	0	0
49	0	0	0	0
50	0	0	0	0
51	0	0	0	0
52	0	0	0	0
53	0	0	0	0
54	0	0	0	0
55	0	0	0	0
56	0	0	0	0
57	0	0	0	0
58	0	0	0	0
59	0	0	0	0
60	0	0	0	0
61	0	0	0	0
62	0	0	0	0
63	0	0	0	0
64	0	0	0	0
65	0	0	0	0
66	0	0	0	0
67	0	0	0	0
68	0	0	0	0
69	0	0	0	0
70	0	0	0	0

Interval	0	15	30	45
71	0	0	0	0
72	0	0	0	0
73	0	0	0	0
74	0	0	0	0
75	0	0	0	0
76	0	0	0	0
77	0	0	0	0
78	0	0	0	0
79	0	0	0	0
80	0	0	0	0
81	0	0	0	0
82	0	0	0	0
83	0	0	0	0
84	0	0	0	0
85	0	0	0	0
86	0	0	0	0
87	0	0	0	0
88	0	0	5	10
89	10	5	0	0
90	0	0	0	0
91	0	0	0	0
92	0	0	0	0
93	0	0	0	0
94	0	0	0	0
95	0	0	0	0
96	0	0	0	10
97	20	20	20	10
98	10	0	0	0
99	0	0	0	0
100	0	0	0	0

METHOD 9 REDUCED FIELD DATA
PROJECT NUMBER: M22G0022

Test Date: June 06,2003
Facility: A Finkl Sons Co.
Location: Melt Shop Roof Vents
Process:

Start Time: 7:00
End Time: 8:00

Test Number: 3 of 5

Test Results:
see start page

Interval	0	15	30	45
101	0	0	0	0
102	0	0	0	0
103	0	0	0	0
104	0	0	0	10
105	10	5	5	5
106	5	5	5	5
107	5	5	5	5
108	5	5	0	0
109	0	0	0	0
110	0	0	0	0
111	0	0	0	0
112	0	0	0	0
113	0	0	0	10
114	5	5	5	5
115	5	0	0	0
116	0	0	0	0
117	0	0	0	0
118	0	0	0	0
119	0	0	0	0
120	0	0	0	0
121	0	0	0	0
122	0	0	0	0
123	0	0	0	0
124	0	0	0	0
125	0	0	0	0
126	0	0	0	0
127	0	0	0	0
128	0	0	0	0
129	0	0	0	0
130	0	0	0	0

Interval	0	15	30	45
131	0	0	0	0
132	0	0	0	0
133	0	0	0	0
134	0	0	0	0
135	0	0	0	0
136	0	0	0	0
137	0	0	0	0
138	0	0	0	0
139	0	0	0	0
140	0	0	0	0
141	0	0	0	0
142	10	25	30	35
143	30	30	30	25
144	25	25	20	20
145	20	20	30	20
146	20	20	15	20
147	20	20	15	15
148	15	10	15	20
149	10	10	10	10
150	5	5	5	5
151	5	5	5	5
152	5	5	5	5
153	5	0	0	0
154	0	0	0	0
155	0	0	0	0
156	0	0	0	0
157	0	0	0	0
158	0	0	0	0
159	5	5	5	5
160	5	0	0	0

METHOD 9 REDUCED FIELD DATA
PROJECT NUMBER: M22G0022

Test Date: June 06,2003
Facility: A Finkl Sons Co.
Location: Melt Shop Roof Vents
Process:

Start Time: 8:00
End Time: 9:00

Test Number: 4 of 5

Test Results:
see start page

Interval	0	15	30	45
161	0	0	0	0
162	0	0	0	0
163	0	0	0	0
164	0	0	0	0
165	0	0	0	0
166	0	0	0	0
167	0	0	0	0
168	0	0	0	0
169	0	0	0	0
170	0	0	0	0
171	0	0	0	0
172	0	0	0	0
173	0	0	0	0
174	0	0	0	0
175	0	0	0	0
176	0	0	0	0
177	0	0	0	0
178	0	0	0	0
179	0	0	0	0
180	0	0	0	0
181	0	10	5	0
182	0	0	0	0
183	0	0	0	0
184	0	0	0	0
185	0	0	0	0
186	0	0	0	0
187	0	0	0	0
188	0	0	0	0
189	0	0	0	0
190	0	0	0	0

Interval	0	15	30	45
191	0	0	0	0
192	0	0	0	0
193	0	0	0	0
194	0	0	0	0
195	0	0	0	0
196	0	0	0	0
197	0	0	0	0
198	0	0	0	0
199	0	0	0	0
200	0	0	0	0
201	0	0	0	0
202	0	0	0	0
203	0	0	0	0
204	0	0	0	0
205	0	0	0	0
206	0	0	0	0
207	0	0	0	0
208	5	0	0	5
209	0	0	0	0
210	0	0	0	0
211	0	0	0	0
212	0	0	0	0
213	0	0	0	0
214	0	0	0	0
215	0	0	0	0
216	0	0	0	0
217	0	0	0	0
218	0	0	0	0
219	0	0	0	0
220	0	0	0	0

METHOD 9 REDUCED FIELD DATA
PROJECT NUMBER: M22G0022

Test Date: June 06,2003
Facility: A Finkl Sons Co.
Location: Melt Shop Roof Vents
Process:

Start Time: 9:00
End Time: 9:15

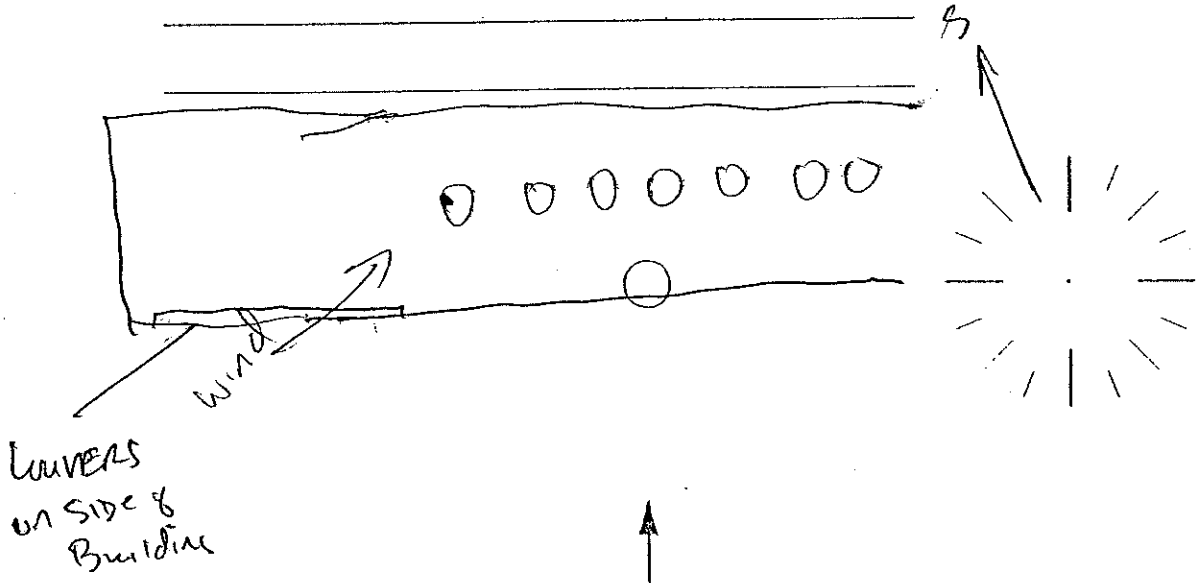
Test Number: 5 of 5

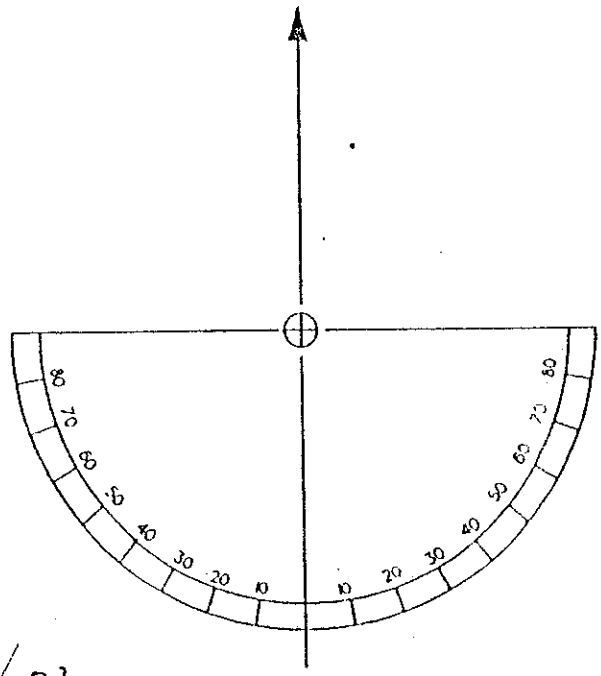
Test Results:
see start page

Interval	0	15	30	45
221	0	0	0	0
222	0	0	0	0
223	0	0	0	0
224	0	0	0	0
225	0	0	0	0
226	20	30	40	30
227	30	25	25	20
228	20	20	20	15
229	15	10	10	10
230	10	10	10	10
231	10	5	5	5
232	5	5	5	10
233	5	5	5	5
234	5	5	0	0
235	0	0	0	0

Interval	0	15	30	45

COMMENTS: Overcast / Light rain





Date: 6 / 3 / 03

Site: A. Finkl & Sons Melt Shop Roof Vents

No Smoke Visible
530A
630A

Observer: El Peterson

MOSTARDI-PLATT ASSOCIATES, INC.

EPA Reference Method 9

GE MOSTARDI PLATT

Sheet 1 of

VISIBLE EMISSION EVALUATION

Facility: A. Finkle & Sons Co.
Melt Shop Roof Vents

Date: 6/3/03
Observer: Ed Peterson

Observation Began: 530A
Ended: 600

Observation Point:
NE of Shop
along Kingsbury

Distance From Source: 400 ft.
Source Height: 80'
Color of Emission: As noted
Background: Sky

Sky Condition: Overcast
Light Rain
Sun Position: None visible.
Temperature: 55°F
Wind SE At 5 MPH
Reading Conditions: fair

General Comments:
Steam vent on south side of building obscures some readings

Signature: Ed Peterson
Certification Date: 3/24/03

	0	15	30	45	XX	XX	0	15	30	45	
					0	30	10	10	10	15	Opaque
					1	31	15	20	20	20	Vents
					2	32	25	20	20	25	
					3	33	20	15	30	15	
					4	34	25	20	15	10	
					5	35	10	5	5	5	
					6	36	5	5	0	0	
					7	37	0	0	0	0	
					8	38	0	0	0	0	
					9	39	0	0	0	0	
					10	40	0	0	0	0	
					11	41	0	0	0	0	
					12	42	0	0	0	0	
					13	43	0	0	0	0	
					14	44	0	0	0	0	
					15	45	0	0	0	0	
					16	46	0	0	0	0	
					17	47	0	0	0	0	
					18	48	0	0	0	0	
					19	49	0	0	0	0	
					20	50	0	0	0	0	
					21	51	0	0	0	0	
					22	52	0	0	0	0	
					23	53	0	0	0	0	
					24	54	0	0	0	0	
					25	55	0	0	0	0	
					26	56	0	0	0	0	
					27	57	0	0	0	0	
					28	58	0	0	0	0	
					29	59	0	0	0	0	

Form 1097

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GE MOSTARDI PLATT

Sheet 2 of _____

VISIBLE EMISSION EVALUATION

Facility: A. Finkl & Sons
Melt Shop Roof Vents

Date: 6/3/03
Observer: Ed Peterson

Observation Began: 600 A
Ended: 700

Observation Point:
NE of Shop
Along Kingsbury St.

Distance From Source: 400 ft.
Source Height: 80'
Color of Emission: AS NOTED
Background: Sky

Sky Condition: OVERCAST

Sun Position: None Visible
Temperature: 54°F
Wind E At 5 MPH
Reading Conditions: Fair-to Good

General Comments:
See page 1

Signature:
Certification Date:

	0	15	30	45	XX	XX	0	15	30	45	
	0	0	0	0	0	30	20	20	20	30	Gray
	0	0	0	0	1	31	30	30	25	30	water
	0	0	0	0	2	32	25	25	25	20	
	0	0	0	0	3	33	20	20	20	10	
	0	0	0	0	4	34	10	10	10	10	
	0	0	0	0	5	35	15	10	5	5	
	0	0	0	0	6	36	5	5	5	5	
	0	0	0	0	7	37	5	5	5	5	
	0	0	0	0	8	38	5	5	5	5	
	0	0	0	0	9	39	5	5	5	5	
	0	0	0	0	10	40	5	5	5	5	
	0	0	0	0	11	41	5	0	0	0	
	0	0	0	0	12	42	0	5	5	0	
	0	0	0	0	13	43	5	5	5	5	
	0	0	0	0	14	44	5	5	0	0	
	0	0	0	0	15	45	0	0	0	0	
	0	0	0	0	16	46	0	0	0	0	
	0	0	0	0	17	47	0	0	0	0	
	0	0	0	0	18	48	0	0	0	0	
	0	0	0	0	19	49	0	0	0	0	
	0	0	0	0	20	50	0	0	0	0	
Gray	0	0	0	0	21	51	0	0	0	0	
vapors	10	20	20	25	22	52	0	0	0	0	
	20	15	15	10	23	53	0	0	0	0	
	10	10	10	10	24	54	0	0	0	0	
	10	5	5	5	25	55	0	0	0	0	
	0	0	0	0	26	56	0	0	0	0	
	0	0	5	5	27	57	0	0	0	0	
white	5	20	30	35	28	58	0	0	0	0	
vapors	35	20	10	10	29	59	0	0	0	0	

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Sheet 3 of _____

VISIBLE EMISSION EVALUATION

Facility: A. Finkl & Sons
Melt Shop Roof Vents

Date: 6/3/03
Observer: Ed Peterson

Observation Began: 700A
Ended: 800

Observation Point: NE of Shop ON Kingsbury St.

Distance From Source: 400 ft.
Source Height: 80'
Color of Emission: As Noted
Background: Sky

Sky Condition: Overcast & Light Rain
Sun Position: None Visible
Temperature: 54°F
Wind E At 5 MPH
Reading Conditions: Fair

General Comments: See Page 1

Signature: E. Peterson

Certification Date: 3/24/03

	0	15	30	45	XX	XX	0	15	30	45	
	0	0	0	0	0	30	0	0	0	0	
	0	0	0	0	1	31	0	0	0	0	
	0	0	0	0	2	32	0	0	0	0	
Gray	0	0	0	0	3	33	0	0	0	0	
~~Black~~	0	0	0	10	4	34	0	0	0	0	
Lower	10	10	10	5	5	35	0	0	0	0	
	5	0	0	0	6	36	0	0	0	0	
	0	0	0	0	7	37	0	0	0	0	
	0	0	0	0	8	38	0	0	0	0	
	0	0	0	0	9	39	0	0	0	0	
	0	0	0	0	10	40	0	0	0	0	
	0	0	0	0	11	41	0	0	0	0	Tan/Gray
	0	0	0	0	12	42	0	0	0	10	
	0	0	0	0	13	43	10	15	10	10	Lower
	0	0	0	0	14	44	10	15	20	20	
	0	0	0	0	15	45	20	15	15	20	
	0	0	0	0	16	46	20	20	15	10	
	0	0	0	0	17	47	5	5	10	20	
	0	0	0	0	18	48	20	10	10	10	
	0	0	0	0	19	49	5	5	5	5	
	0	0	0	0	20	50	5	5	5	5	White
	0	0	0	0	21	51	5	5	5	10	Lowers
	0	0	0	0	22	52	25	30	35	35	
	0	0	0	0	23	53	25	30	10	5	
	0	0	0	0	24	54	5	0	0	0	
	0	0	0	0	25	55	0	5	5	5	
	0	0	0	0	26	56	5	0	0	10	
	0	0	0	0	27	57	5	5	0	0	
	0	0	0	0	28	58	0	0	0	0	
	0	0	0	0	29	59	0	0	0	0	

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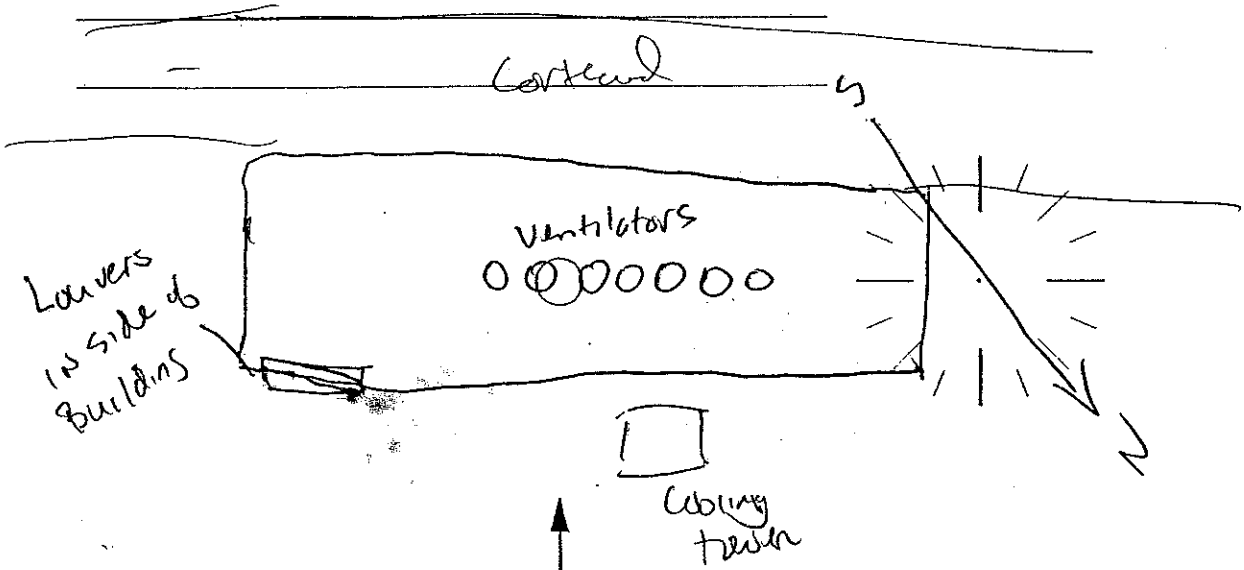
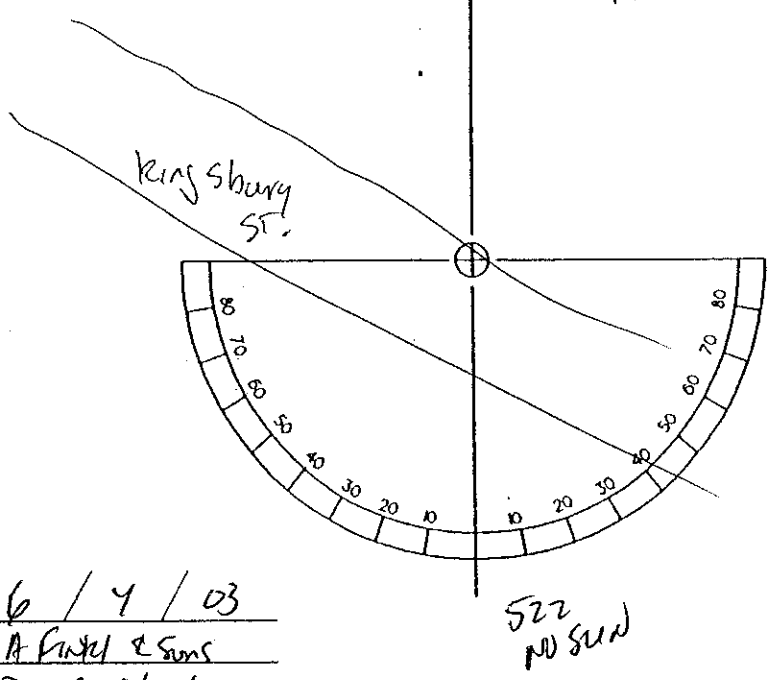
COMMENTS: _____





Date: 6 / 4 / 03

Site: A Finkl & Sons
Roof Vents

Observer: _____

MOSTARDI-PLATT ASSOCIATES, INC.

EPA Reference Method 9

GE MOSTARDI PLATT

Sheet 1 of _____

VISIBLE EMISSION EVALUATION

Facility: A Finkl & Sons
Melt Shop Roof Vents

Date: 6/4/03
Observer: Ed Peterson

Observation Began: 522 A
Ended: 600

Observation Point: NE of Shop along Kingsbury St.

Distance From Source: 400 ft.
Source Height: 80'
Color of Emission: As noted
Background: Sky

Sky Condition: Overcast

Sun Position: None visible
Temperature: 57°F
Wind NE At 5 MPH
Reading Conditions: Poor

General Comments:
Cooling tower steam obstructs some of the roof at times

Signature:

Certification Date: 3/24/03

	0	15	30	45	XX	XX	0	15	30	45
					0	30	0	0	0	0
					1	31	0	0	0	0
					2	32	0	0	0	0
					3	33	0	0	0	0
					4	34	0	0	0	0
					5	35	0	0	0	0
					6	36	0	0	0	0
					7	37	0	0	0	0
					8	38	0	0	0	0
					9	39	0	0	0	0
					10	40	0	0	0	0
					11	41	0	0	0	0
					12	42	0	0	0	0
					13	43	0	0	0	0
					14	44	0	0	0	0
					15	45	0	0	0	0
					16	46	0	0	0	0
					17	47	0	0	0	0
					18	48	0	0	0	0
					19	49	0	0	0	0
					20	50	0	0	0	0
					21	51	0	0	0	0
	0	0	0	0	22	52	0	0	0	0
	0	0	0	0	23	53	0	0	0	0
	0	0	0	0	24	54	0	0	0	0
	0	0	0	0	25	55	0	0	0	0
	0	0	0	0	26	56	0	0	0	0
	0	0	0	0	27	57	0	0	0	0
	0	0	0	0	28	58	0	0	0	0
	0	0	0	0	29	59	0	0	0	0

Form 1097

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GE MOSTARDI PLATT

Sheet 2 of _____

VISIBLE EMISSION EVALUATION

Facility: A. Finkl & Sons
Melt Shop Roof Vents

Date: 6/4/03
Observer: Ed Peterson

Observation Began: 600A
Ended: 700A

Observation Point: NE of Shop

Distance From Source: 800 ft.
Source Height: 80'
Color of Emission: As Noted
Background: Sky

Sky Condition: Overcast

Sun Position: None Visible
Temperature: 57°F
Wind NE At 5 MPH
Reading Conditions: Fmt

General Comments:
See Page 1

Signature: Ed Peterson

Certification Date:

	0	15	30	45	XX	XX	0	15	30	45	
	0	0	0	0	0	30	0	0	0	0	
	0	0	0	0	1	31	0	0	0	0	
	0	0	0	0	2	32	0	0	0	0	
	0	0	0	0	3	33	0	0	0	0	
	0	0	0	0	4	34	0	0	0	0	
	0	0	0	0	5	35	0	0	0	0	
	0	0	0	0	6	36	0	0	0	0	
	0	0	0	0	7	37	0	0	0	0	
	0	0	0	0	8	38	0	0	0	0	
	0	0	0	0	9	39	0	0	0	0	
	0	0	0	0	10	40	0	0	0	0	
	0	0	0	0	11	41	0	0	0	0	
	0	0	0	0	12	42	0	0	0	0	
	0	0	0	0	13	43	0	0	0	0	
	0	0	0	0	14	44	0	0	0	0	
	0	0	0	0	15	45	0	0	0	0	
	0	0	0	0	16	46	0	0	0	0	
	0	0	0	0	17	47	0	0	0	0	
	0	0	0	0	18	48	0	0	0	0	
	0	0	0	0	19	49	0	0	0	0	
	0	0	0	0	20	50	0	0	0	0	
	0	0	0	0	21	51	0	0	0	0	
	0	0	0	0	22	52	0	0	0	0	
	0	0	0	0	23	53	0	0	0	0	
	0	0	0	0	24	54	0	0	0	0	
	0	0	0	0	25	55	0	0	0	0	
	0	0	0	0	26	56	0	0	0	0	
	0	0	0	0	27	57	0	0	0	0	
	0	0	0	0	28	58	0	0	0	0	
	0	0	0	0	29	59	0	0	0	0	

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Sheet 3 of

VISIBLE EMISSION EVALUATION

Facility: A. Finkl & Sons
Melt Shop Roof Vents

Date: 6/4/03
Observer: Ed Peterson

Observation Began: 700
Ended: 735

Observation Point: NE of Shop

Distance From Source: 400 ft.
Source Height: 60'
Color of Emission: As noted
Background: Sky

Sky Condition: Overcast

Sun Position: None visible
Temperature: 58°F
Wind NE At 0-5 MPH
Reading Conditions: (Good)

General Comments:

Signature: Ed Peterson
Certification Date: 3/24/03

	0	15	30	45	XX	XX	0	15	30	45
	0	0	0	0	0	30	10	0	0	0
	0	0	0	0	1	31	0	0	5	5
	0	0	0	0	2	32	0	0	5	5
	0	0	0	0	3	33	5	0	0	0
	0	0	0	0	4	34	0	0	0	0
	0	0	0	0	5	35	0	0	0	0
	0	0	0	0	6	36				
	0	0	0	0	7	37				
	0	0	0	0	8	38				
	0	0	0	0	9	39				
	0	0	0	0	10	40				
	0	0	0	0	11	41				
	0	0	0	0	12	42				
	0	0	0	0	13	43				
	0	0	0	0	14	44				
	0	0	0	0	15	45				
	0	0	0	0	16	46				
	0	0	0	0	17	47				
Grey	0	0	0	0	18	48				
Louvers	5	5	5	5	19	49				
	0	10	5	5	20	50				
TAP	5	10	10	5	21	51				
	5	0	0	0	22	52				
	0	0	0	0	23	53				
	0	0	0	0	24	54				
Grey	0	0	0	5	25	55				
Louvers	5	5	5	5	26	56				
	10	5	0	0	27	57				
	0	5	5	0	28	58				
	0	0	0	0	29	59				

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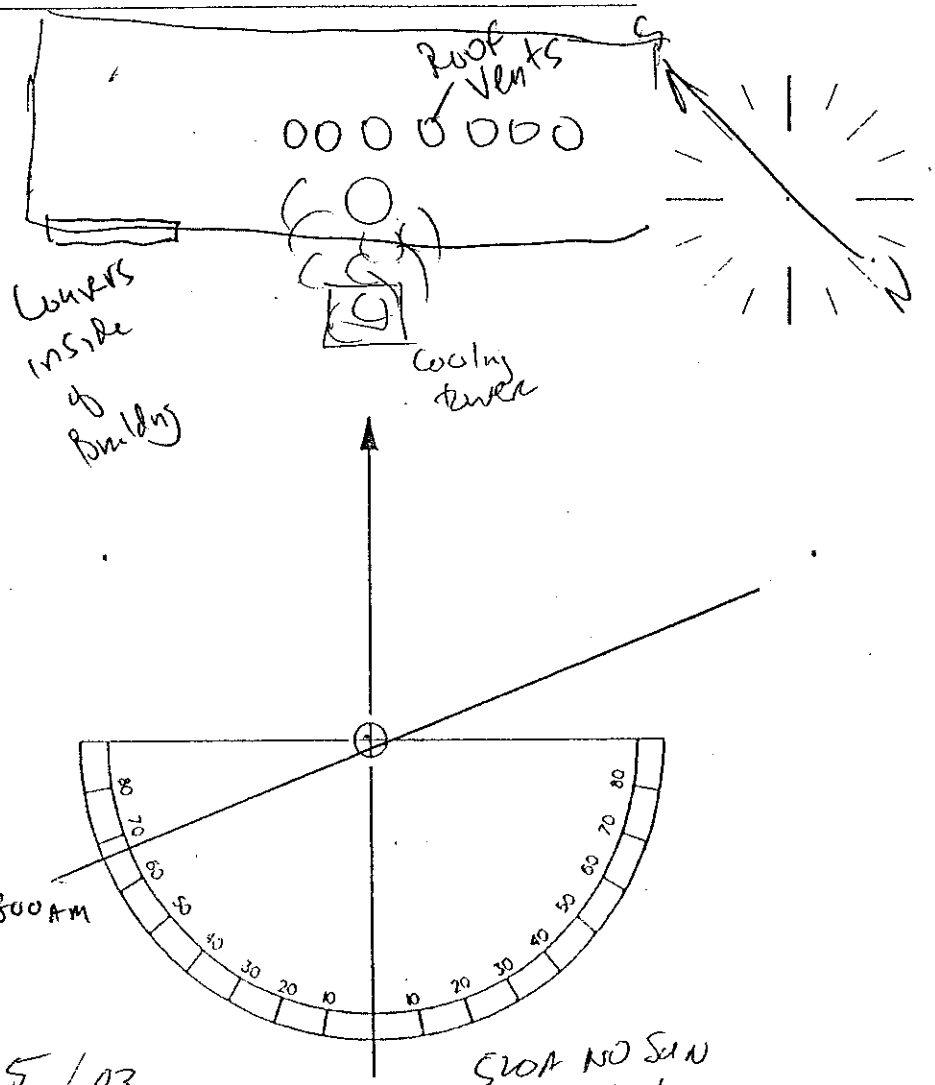
COMMENTS: _____



Date: 6 / 5 / 03

Site: A Finkle & Sons
Mt Holly

500A NO SUN
600A " "
700A " "

Observer: EP

MOSTARDI-PLATT ASSOCIATES, INC.

EPA Reference Method 9

GE MOSTARDI PLATT

Sheet 1 of _____

VISIBLE EMISSION EVALUATION

Facility: A. Finkl & Sons
Melt Shop Roof Vents

Date: 6/5/03
Observer: Ed Peterson

Observation Began: 520A
Ended: 600

Observation Point: NE of Shop

Distance From Source: 410 ft.
Source Height: 80'
Color of Emission: Observed
Background: Sky

Sky Condition: Overcast
LT Rain
Sun Position: Not Visible
Temperature: 54°F
Wind N At 0-5 MPH
Reading Conditions: Fair

General Comments:
Steam from Cooling tower obstructs some readings

Signature: Ed Peterson
Certification Date: 8/24/03

	0	15	30	45	XX	XX	0	15	30	45	
					0	30	25	20	20	20	White Louvers
					1	31	15	10	5	5	
					2	32	5	5	5	5	
					3	33	5	5	5	5	
					4	34	5	5	10	5	
					5	35	5	5	5	5	
					6	36	0	0	0	0	
					7	37	0	0	0	0	
					8	38	0	0	0	0	
					9	39	0	0	0	0	
					10	40	0	0	0	0	
					11	41	0	0	0	0	
					12	42	0	0	0	0	
					13	43	0	0	0	0	
					14	44	0	0	0	0	
					15	45	0	0	0	0	
					16	46	0	10	10	5	White
					17	47	5	5	5	0	Louver
					18	48	0	5	0	10	
					19	49	15	10	15	15	
	0	0	0	0	20	50	20	15	5	5	
	0	0	0	0	21	51	0	5	5	10	
White/	0	0	0	0	22	52	10	10	5	5	
Grey	0	0	0	0	23	53	5	25	20	20	
Louvers	5	10	5	10	24	54	15	10	10	10	
	20	15	20	15	25	55	5	5	5	5	
	10	5	5	5	26	56	5	5	0	0	
	5	5	10	10	27	57	0	0	0	0	
	10	10	5	5	28	58	0	0	0	0	
	5	5	5	10	29	59	0	0	0	0	

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Sheet 2 of _____

VISIBLE EMISSION EVALUATION

Facility: A. Finkl & Sons
Melt Shop Roof Vents

Date: 6/5/03
Observer: Ed Petersen

Observation Began: 600
Ended: 700

Observation Point: NE of Shop

Distance From Source: 410 ft.
Source Height: 80'
Color of Emission: As noted
Background: Sky

Sky Condition: Overcast

Sun Position: None visible
Temperature: 55°F
Wind NE At 0-5 MPH
Reading Conditions: Fair

General Comments:
See Page 1

Signature:

Certification Date: 3/24/03

	0	15	30	45	XX	XX	0	15	30	45	
	0	0	0	0	0	30	0	0	0	0	
	0	0	0	0	1	31	0	0	0	0	
	0	0	0	0	2	32	0	0	0	0	
	0	0	0	0	3	33	0	0	0	0	
	0	0	0	0	4	34	0	0	0	0	
	0	0	0	0	5	35	0	0	0	0	
	0	0	0	0	6	36	0	0	0	0	
	0	0	0	0	7	37	0	0	0	0	
	0	0	0	0	8	38	0	0	0	0	
White Louvers	0	5	10	10	9	39	0	0	0	0	
	10	15	10	10	10	40	0	0	0	0	
	10	5	0	0	11	41	0	0	0	0	
	0	0	0	0	12	42	0	0	0	0	
	0	0	0	0	13	43	0	0	0	0	
	0	0	0	0	14	44	0	0	0	0	
	0	0	0	0	15	45	0	0	0	0	
	0	0	0	0	16	46	0	0	0	10	Greyish white louvers
	0	0	0	0	17	47	5	5	0	0	
	0	0	0	0	18	48	0	0	0	0	
	0	0	0	0	19	49	0	0	0	0	
	0	0	0	0	20	50	0	0	0	0	
	0	0	0	0	21	51	0	0	0	0	
	0	0	0	0	22	52	0	0	0	0	
	0	0	0	0	23	53	0	0	0	0	
	0	0	0	0	24	54	0	0	0	0	
	0	0	0	0	25	55	0	10	10	10	White louvers
	0	0	0	0	26	56	10	5	5	0	
	0	0	0	0	27	57	0	0	0	0	
	0	0	0	0	28	58	0	0	0	0	
	0	0	0	0	29	59	0	0	0	0	

Form 1697

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Sheet 3 of _____

VISIBLE EMISSION EVALUATION

Facility: A. Finkl & Sons
Melt Shop Roof Vents

Date: 6/5/03
Observer: Ed Peterson

Observation Began: 700A
Ended: 800A

Observation Point: NE of Shop

Distance From Source: 410 ft.
Source Height: 80
Color of Emission: As Noted
Background: Sky

Sky Condition: Overcast

Sun Position: None Visible
Temperature: 58°F
Wind N At 0-5 MPH
Reading Conditions: Fair

General Comments:

Signature: Ed Peterson
Certification Date: 3/24/03

	0	15	30	45	XX	XX	0	15	30	45	
	0	0	0	0	0	30	0	0	0	0	
	0	0	0	0	1	31	0	0	0	0	
	0	0	0	0	2	32	0	0	0	0	
	0	0	0	0	3	33	0	0	0	0	
	0	0	0	0	4	34	0	0	0	0	
	0	0	0	0	5	35	0	0	0	0	
	0	0	0	0	6	36	0	0	0	0	
	0	0	0	0	7	37	0	0	0	0	
	0	0	0	0	8	38	0	0	0	0	
	0	0	0	0	9	39	0	0	0	0	
	0	0	0	0	10	40	0	0	0	0	
	0	0	0	0	11	41	0	0	0	0	
	0	0	0	0	12	42	0	0	0	0	
	0	0	0	0	13	43	0	0	0	0	
	0	0	0	0	14	44	0	0	0	0	
	0	0	0	0	15	45	0	0	0	0	
	0	0	0	0	16	46	0	0	0	0	TAP
White	0	0	10	30	17	47	0	0	0	0	Grey
Louvers	35	30	25	15	18	48	0	0	0	0	White
	10	5	5	0	19	49	0	20	25	25	Louvers
	0	0	0	0	20	50	20	20	15	15	
	0	0	0	0	21	51	20	20	15	10	
	0	0	0	0	22	52	10	10	10	5	
	0	0	0	0	23	53	5	5	10	5	
	0	0	0	0	24	54	5	5	5	5	
	0	0	0	0	25	55	5	5	5	5	
	0	0	0	0	26	56	5	5	5	5	
	0	0	0	0	27	57	5	5	5	5	
	0	0	0	0	28	58	5	5	0	0	
	0	0	0	0	29	59	0	5	0	0	

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Sheet 4 of 4

VISIBLE EMISSION EVALUATION

Facility: A. Finkl & Sons
Melt Shop Roof Vents

Date: 6/5/03
Observer: Ed Peterson

Observation Began: 0800
Ended: 0815

Observation Point: NE of SHP

Distance From Source: 410ft.
Source Height: 60'
Color of Emission: As Noted
Background: Sky

Sky Condition: Mostly Cloudy
Sun Position: See Chart
Temperature: 58°F
Wind NE At 0-5 MPH
Reading Conditions: GOOD

General Comments:

Signature: Ed Peterson
Certification Date: 3/24/03

	0	15	30	45	XX	XX	0	15	30	45	
White	0	5	5	5	0	30					
Louvers	5	5	5	5	1	31					
	5	5	5	5	2	32					
	5	5	5	0	3	33					
	5	5	5	0	4	34					
	0	10	5	5	5	35					
	5	0	0	0	6	36					
	0	0	0	0	7	37					
	0	0	0	0	8	38					
	0	0	0	0	9	39					
	0	0	0	0	10	40					
	0	0	0	0	11	41					
	0	0	0	0	12	42					
	0	0	0	0	13	43					
	0	0	0	0	14	44					
	0				15	45					
					16	46					
					17	47					
					18	48					
					19	49					
					20	50					
					21	51					
					22	52					
					23	53					
					24	54					
					25	55					
					26	56					
					27	57					
					28	58					
					29	59					

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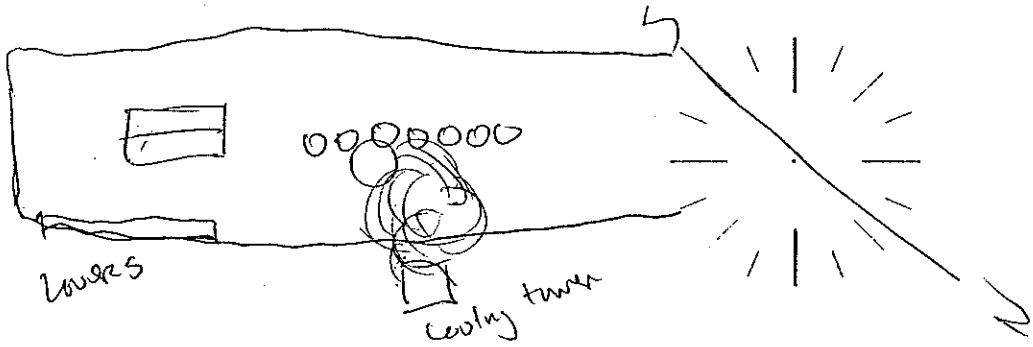
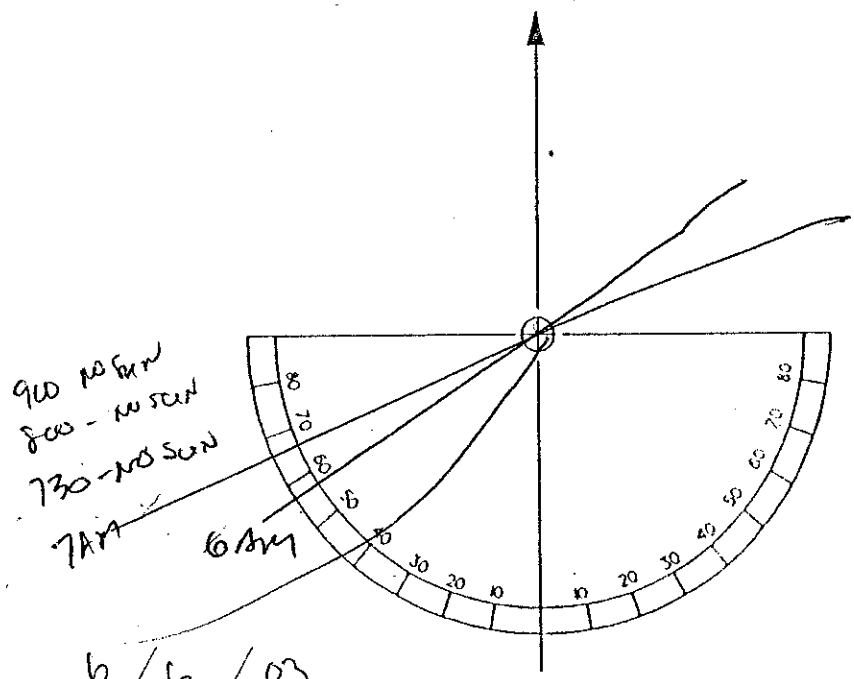
COMMENTS: _____





Date: 6 / 6 / 03

Site: A. Gatti & Sons
Melt Stop

Observer: [illegible]

MOSTARDI-PLATT ASSOCIATES, INC.

EPA Reference Method 9

GE MOSTARDI PLATT

Sheet 1 of _____

VISIBLE EMISSION EVALUATION

Facility: A. Finkl & Sons
Melt Shop Roof Vents

Date: 6/6/03
Observer:

Observation Began: 520 A
Ended: 600

Observation Point: NE of Shop

Distance From Source: 410 ft.
Source Height: 80'
Color of Emission: As wind
Background: Sky

Sky Condition: Overcast

Sun Position: Not Visible
Temperature: 60°F
Wind NW At 0-5 MPH
Reading Conditions: Good

General Comments:
Steam from Cooling tower obstructs some of the roof

Signature:
Certification Date: 3/24/03

	0	15	30	45	XX	XX	0	15	30	45	
					0	30	0	0	0	0	
					1	31	0	0	0	0	
					2	32	0	0	0	0	
					3	33	0	0	0	0	
					4	34	0	0	0	0	
					5	35	0	0	0	0	
					6	36	0	0	0	0	
					7	37	0	0	0	0	
					8	38	0	0	0	0	
					9	39	0	0	0	0	
					10	40	0	0	0	0	Grey
					11	41	40	45	45	50	Lower
					12	42	35	25	20	15	Roof
					13	43	10	5	5	5	Vent &
					14	44	5	0	0	0	Sky (gh
					15	45	0	0	0	0	Cup)
					16	46	0	0	0	0	
					17	47	0	0	0	0	
					18	48	0	0	0	0	
white/Grey					19	49	0	0	0	0	
Lurkers	5	10	20	10	20	50	0	0	0	0	
	10	10	20	20	21	51	0	0	0	0	
	25	30	25	25	22	52	0	0	0	0	
	20	15	10	10	23	53	0	0	0	0	
	5	5	5	5	24	54	0	0	0	0	
	5	5	5	10	25	55	0	0	0	0	
	10	10	5	5	26	56	0	0	0	0	
	5	5	5	5	27	57	0	0	0	0	
	5	0	0	0	28	58	0	0	0	0	
	0	0	0	0	29	59	0	0	0	0	

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Sheet 2 of

VISIBLE EMISSION EVALUATION

Facility: A Finkl & Sons
Melt Shop Roof Vents

Date: 6/6/03
Observer: Ed Peterson

Observation Began: 600 A
Ended: 700

Observation Point: NE of Shop

Distance From Source: 410 ft.
Source Height: 80
Color of Emission: As noted
Background: Sky

Sky Condition: Partly Cloudy
Sun Position: Southeast
Temperature: 62°F
Wind NE At 0-5 MPH
Reading Conditions: Good

General Comments: See Page 1

Signature: Ed Peterson
Certification Date:

	0	15	30	45	XX	XX	0	15	30	45	
	0	0	0	0	0	30	0	0	0	0	
	0	0	0	0	1	31	0	0	0	0	
	0	0	0	0	2	32	0	0	0	0	
	0	0	0	0	3	33	0	0	0	0	
	0	0	0	0	4	34	0	0	0	0	
	0	0	0	0	5	35	0	0	0	0	
	0	0	0	0	6	36	0	0	0	0	
	0	0	0	0	7	37	0	0	0	0	
	0	0	0	0	8	38	0	0	0	0	
	0	0	0	0	9	39	0	0	0	0	
	0	0	0	0	10	40	0	0	0	0	
	0	0	0	0	11	41	0	0	0	0	
	0	0	0	0	12	42	0	0	0	0	
	0	0	0	0	13	43	0	0	0	0	
	0	0	0	0	14	44	0	0	0	0	
	0	0	0	0	15	45	0	0	0	0	
	0	0	0	0	16	46	0	0	0	0	White Cooler
	0	0	0	0	17	47	0	0	5	10	
	0	0	0	0	18	48	10	5	0	0	
	0	0	0	0	19	49	0	0	0	0	
	0	0	0	0	20	50	0	0	0	0	
	0	0	0	0	21	51	0	0	0	0	
	0	0	0	0	22	52	0	0	0	0	
	0	0	0	0	23	53	0	0	0	0	
	0	0	0	0	24	54	0	0	0	0	
	0	0	0	0	25	55	0	0	0	10	White Coolers
	0	0	0	0	26	56	20	20	20	10	
	0	0	0	0	27	57	10	0	0	0	
	0	0	0	0	28	58	0	0	0	0	
	0	0	0	0	29	59	0	0	0	0	

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Sheet 3 of _____

VISIBLE EMISSION EVALUATION

Facility: A. Finkl & Sons
Melltstop Roof Vents

Date: 6/6/03
Observer: Ed Peterson

Observation Began: 700 A
Ended: 800 A

Observation Point: NE of Shop

Distance From Source: 410 ft.
Source Height: 80'
Color of Emission: As noted
Background: Sky

Sky Condition: Fly Cloudy
Variable
Sun Position: At Back
Temperature: 68°F
Wind NW At 0-5 MPH
Reading Conditions: Good

General Comments:
See Page 1

Signature: Ed Peterson

Certification Date: 3/24/03

	0	15	30	45	XX	XX	0	15	30	45	
	0	0	0	0	0	30	0	0	0	0	
	0	0	0	0	1	31	0	0	0	0	
	0	0	0	0	2	32	0	0	0	0	
Gray	0	0	0	10	3	33	0	0	0	0	
Lowers	10	5	5	5	4	34	0	0	0	0	
	5	5	5	5	5	35	0	0	0	0	
	5	5	5	5	6	36	0	0	0	0	
	5	5	0	0	7	37	0	0	0	0	
	0	0	0	0	8	38	0	0	0	0	
	0	0	0	0	9	39	0	0	0	0	Gray -
	0	0	0	0	10	40	0	0	0	0	white
	0	0	0	0	11	41	10	25	30	35	~~Lower~~
Brn	0	0	0	10	12	42	30	30	30	25	Louver
Lowers	5	5	5	5	13	43	25	25	20	20	
	5	0	0	0	14	44	20	20	30	20	
	0	0	0	0	15	45	20	20	15	20	
	0	0	0	0	16	46	20	20	15	15	
	0	0	0	0	17	47	15	10	15	20	
	0	0	0	0	18	48	10	10	10	10	
	0	0	0	0	19	49	5	5	5	5	
	0	0	0	0	20	50	5	5	5	5	
	0	0	0	0	21	51	5	5	5	5	
	0	0	0	0	22	52	5	0	0	0	
	0	0	0	0	23	53	0	0	0	0	
	0	0	0	0	24	54	0	0	0	0	
	0	0	0	0	25	55	0	0	0	0	
	0	0	0	0	26	56	0	0	0	0	White
	0	0	0	0	27	57	0	0	5	5	Lowers
	0	0	0	0	28	58	5	5	5	5	
	0	0	0	0	29	59	5	0	0	0	

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Sheet 4 of _____

VISIBLE EMISSION EVALUATION

Facility: A Finkl & Sons
Melt Shop Roof Vents

Date: 6/6/03
Observer: Ed Peterson

Observation Began: 800A
Ended: 900 A

Observation Point: NE of Shop

Distance From Source: 410 ft.
Source Height: 50'
Color of Emission: As noted
Background: Sky

Sky Condition: Overcast/To Partly Cloudy
Sun Position: At back
Temperature: 64°F
Wind: NW At 0-5 MPH
Reading Conditions: Good

General Comments:
See Page 1

Signature: [signature]
Certification Date: 3/24/03

	0	15	30	45	XX	XX	0	15	30	45	
	0	0	0	0	0	30	0	0	0	0	
	0	0	0	0	1	31	0	0	0	0	
	0	0	0	0	2	32	0	0	0	0	
	0	0	0	0	3	33	0	0	0	0	
	0	0	0	0	4	34	0	0	0	0	
	0	0	0	0	5	35	0	0	0	0	
	0	0	0	0	6	36	0	0	0	0	
	0	0	0	0	7	37	0	0	0	0	
	0	0	0	0	8	38	0	0	0	0	
	0	0	0	0	9	39	0	0	0	0	
	0	0	0	0	10	40	0	0	0	0	
	0	0	0	0	11	41	0	0	0	0	
	0	0	0	0	12	42	0	0	0	0	
	0	0	0	0	13	43	0	0	0	0	
	0	0	0	0	14	44	0	0	0	0	
	0	0	0	0	15	45	0	0	0	0	
	0	0	0	0	16	46	0	0	0	0	
	0	0	0	0	17	47	5	0	0	5	Brown
	0	0	0	0	18	48	0	0	0	0	Lower
Brown	0	0	0	0	19	49	0	0	0	0	
Lower	0	10	5	0	20	50	0	0	0	0	
	0	0	0	0	21	51	0	0	0	0	
	0	0	0	0	22	52	0	0	0	0	
	0	0	0	0	23	53	0	0	0	0	
	0	0	0	0	24	54	0	0	0	0	
	0	0	0	0	25	55	0	0	0	0	
	0	0	0	0	26	56	0	0	0	0	
	0	0	0	0	27	57	0	0	0	0	
	0	0	0	0	28	58	0	0	0	0	
	0	0	0	0	29	59	0	0	0	0	

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Sheet 5 of 5

VISIBLE EMISSION EVALUATION

Facility: A. Finkl & Sons
Melt Shop Roof Vents

Date: 6/6/03
Observer: Ed Peterson

Observation Began: 900A
Ended: 915

Observation Point: NE of Shop

Distance From Source: 410 ft.
Source Height: 80'
Color of Emission: As noted
Background: Sky

Sky Condition: Mostly cloudy
Sun Position: At back
Temperature: 64°F
Wind W At 5 MPH
Reading Conditions: Good

General Comments: See Page 1

Signature: Ed Peterson
Certification Date: 3/24/03

	0	15	30	45	XX	XX	0	15	30	45	
	0	0	0	0	0	30					
	0	0	0	0	1	31					
	0	0	0	0	2	32					
	0	0	0	0	3	33					
	0	0	0	0	4	34					
WHITE	20	30	40	30	5	35					
~~LOUVER~~	30	25	25	20	6	36					
LOUVERS	20	20	20	15	7	37					
	15	10	10	10	8	38					
	10	10	10	10	9	39					
	10	5	5	5	10	40					
	5	5	5	10	11	41					
	5	5	5	5	12	42					
	5	5	0	0	13	43					
	0	0	0	0	14	44					
	0				15	45					
					16	46					
					17	47					
					18	48					
					19	49					
					20	50					
					21	51					
					22	52					
					23	53					
					24	54					
					25	55					
					26	56					
					27	57					
					28	58					
					29	59					

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CARL KOONTZ ASSOCIATES

of Nashville, Tennessee

This is to acknowledge that

EDWARD PETERSON

successfully participated in Visible Emissions training on MAR 24 2003

and is qualified to evaluate Visible Emissions for a period of six (6) months from the date of certification.

Carl Koontz

Instructor