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CHEMISTRY AND CHEMICAL ENGINEERING DIVISION
DEPARTMENT OF FIRE TECHNOLOGY
WWW.FIRE.SWRI.ORG
FAX (210) 522-3377

January 31, 2005



Mr. Tony Scott
Contego International, Inc.
923 Jackson Blvd.
Rochester, IN 46975

FINAL REPORT (Consisting of 26 Pages)

Subject: SwRI® Project No.: 01.10084.01.705f, Screening Test of Intumescent Fire Protection Coating In General Accordance with ASTM E 119-00 *Standard Method of Fire Tests of Building Construction and Materials*

Dear Mr. Scott:

This letter and enclosures are submitted as the final report for the screening tests of Contego International, Inc.'s intumescent fire protection coating. Various material samples with the intumescent fire protection coating were tested at Southwest Research Institute's® (SwRI®) Department of Fire Technology located in San Antonio, Texas, on January 4, 2005. This report only documents the test on the sample described below. Testing was conducted in general accordance with ASTM E 119. The test deviated from the requirements of ASTM E 119 in sample size, number of unexposed temperature measurements, and application of the hose stream test.

The results presented in this report apply only to the material tested, in the manner tested, and not to any similar materials or material combinations.

SAMPLE DESCRIPTION

SwRI received one 32- × 60-in. sample on November 4, 2004, identified by Contego International, Inc. as V-338. The sample was received in a ready-to-test condition with the intumescent fire protection coating applied to one side.

The side with the intumescent fire protection coating was exposed to the furnace conditions. The sample was tested simultaneously with other samples not included in this report. Selected photographs of the test samples installed in the test frame during, and after the test, and are located in Appendix A.

INSTRUMENTATION

Instrumentation consisted of three thermocouples (TCs) constructed with No. 20 B & S gage, Type K (Chromel Alumel) welded TCs, placed under flexible, dry, felted mineral fiber pads. The wire leads of the TCs terminated under the pads and were in contact with the unexposed surface. The pads were attached firmly to the surface to minimize any heat loss from the sides. Temperature levels were monitored continuously at 15-sec intervals throughout the test and recorded with computer data acquisition equipment for subsequent data reduction. The location of the unexposed surface TCs is provided in Appendix B, Test Assembly Drawings.

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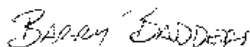
TEST RESULTS

The test sample was installed onto a test wall fixture and tested for 1 hr 44 min 45 sec on SwRI's large vertical furnace. Ambient conditions at the start of the test were 78°F and 61% relative humidity. The fire exposure closely approximated standard fire curve specified in ASTM E 119. Sustained flaming on the unexposed side was observed at 1 hr 39 min 55 sec.

The sample exceeded the ASTM E 119 temperature criteria at 1 hr 25 min 15 sec into the test. Appendix C includes the temperature versus time curve for the measured furnace average and the standard curve plotted together. The graphical and tabular test data collected is also located in Appendix C.

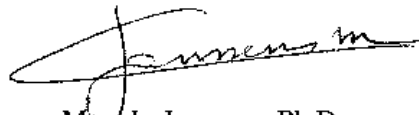
Enclosed please find the photographic documentation of the tests on a compact disc and video documentation on VHS tape. If I can be of further assistance, please contact me by telephone (210) 522-3971, by fax (210) 522-3377, or by e-mail at barry.badders@swri.org.

Sincerely,



Barry Badders, P.E.
Research Engineer
Fire Resistance Section

Approved:



Marc L. Janssens, Ph.D.
Director
Department of Fire Technology

BLB/mcg

C:\wpdata\badders\vr10084.01.705f

Enclosures: 1 Photo CD (Reports b, c, d, e, f)
2 VHS Tapes (Reports b, c, d, e, f)

cc: Record Copy A - Dept. File (w/o enclosure)
Record Copy B - IQS (w/o enclosure)

APPENDIX A
PHOTOGRAPHIC DOCUMENTATION
(Consisting of 2 Pages)

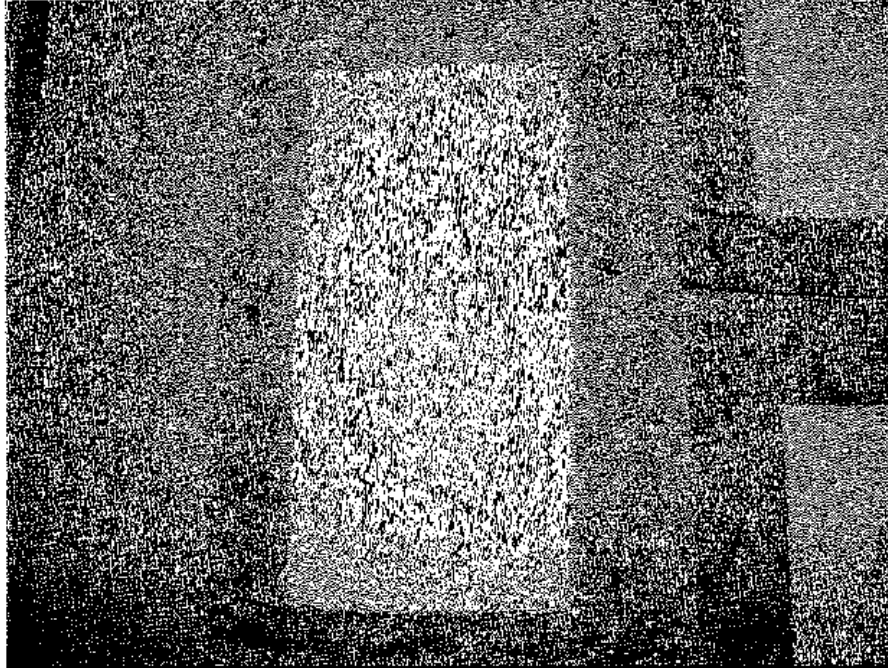


Figure A-1: Exposed Surface Prior to Test.

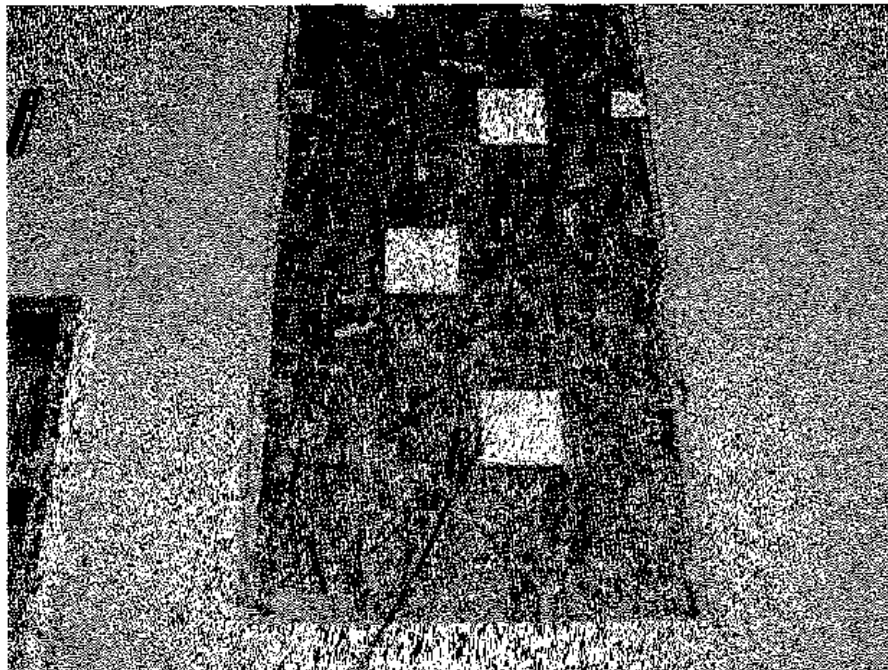


Figure A-2: Unexposed Surface Prior to Test.

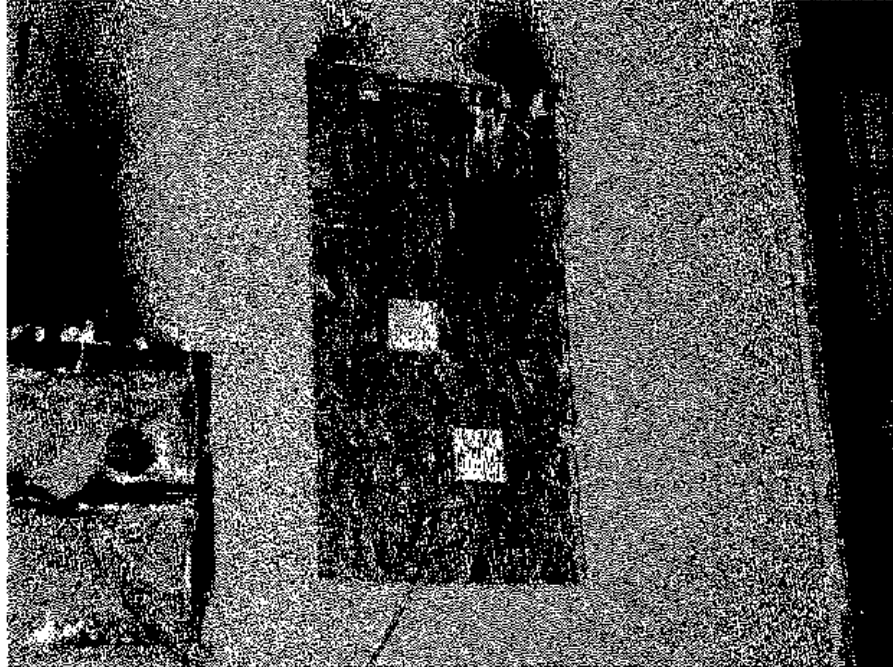


Figure A-3: Unexposed Surface During Test.

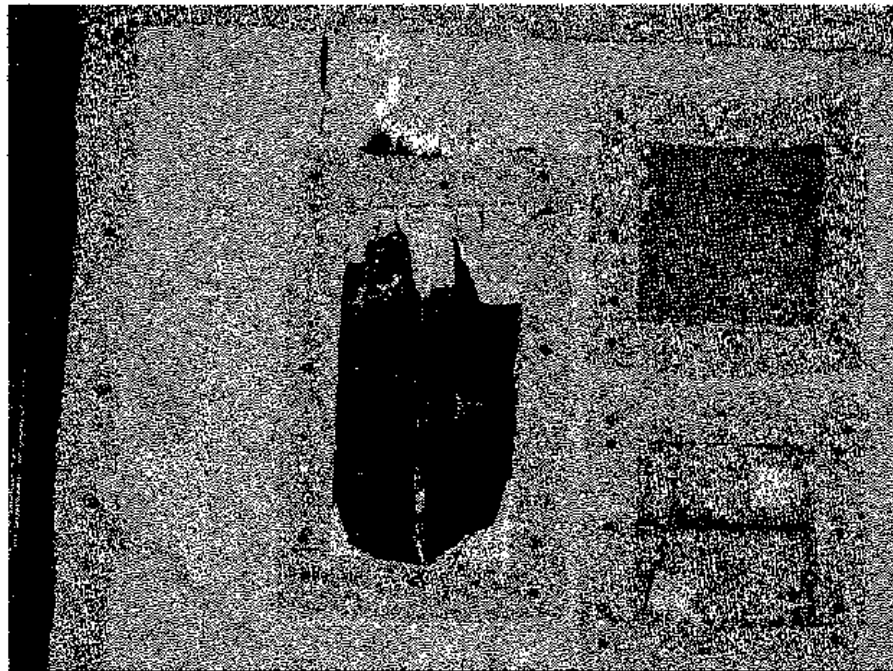


Figure A-4: Exposed Surface After Test.

APPENDIX B
TEST ASSEMBLY DRAWING
(Consisting of 1 Page)

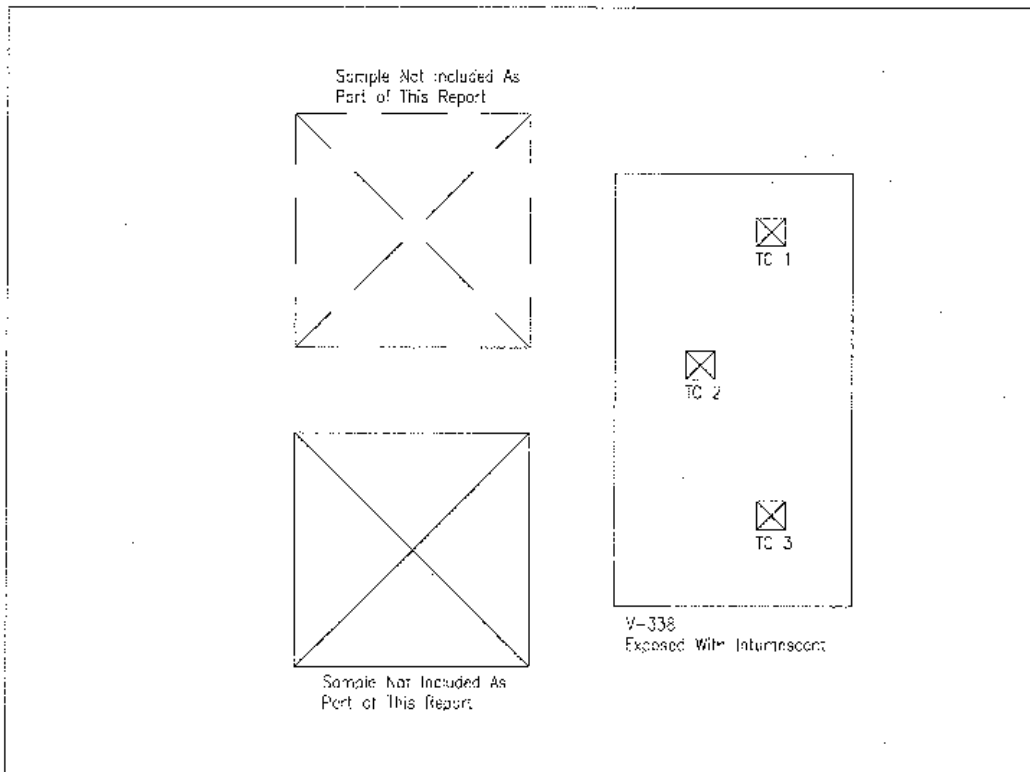
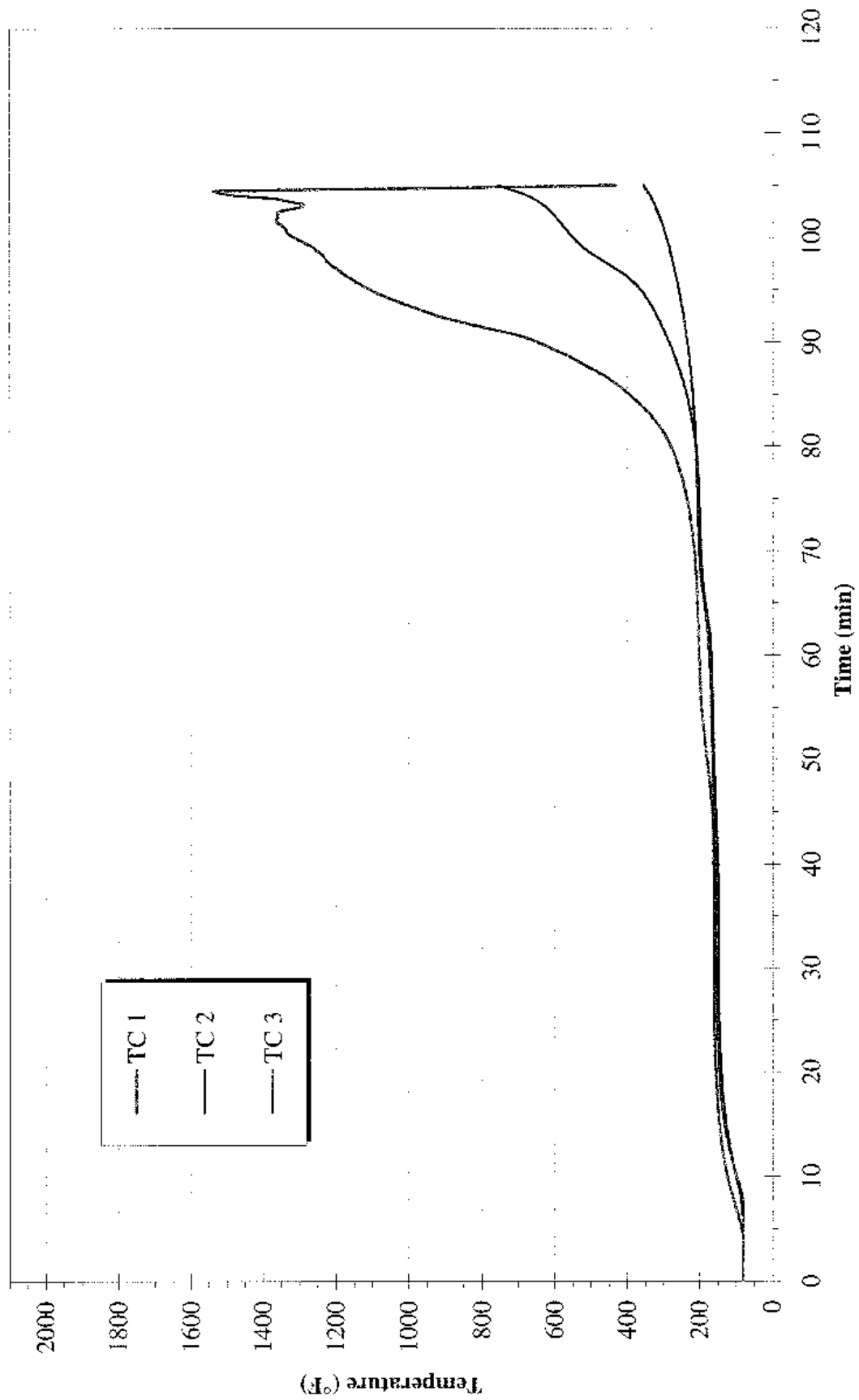


Figure B-1: Thermocouple Locations.

APPENDIX C
TEST DATA
(Consisting of 18 Pages)

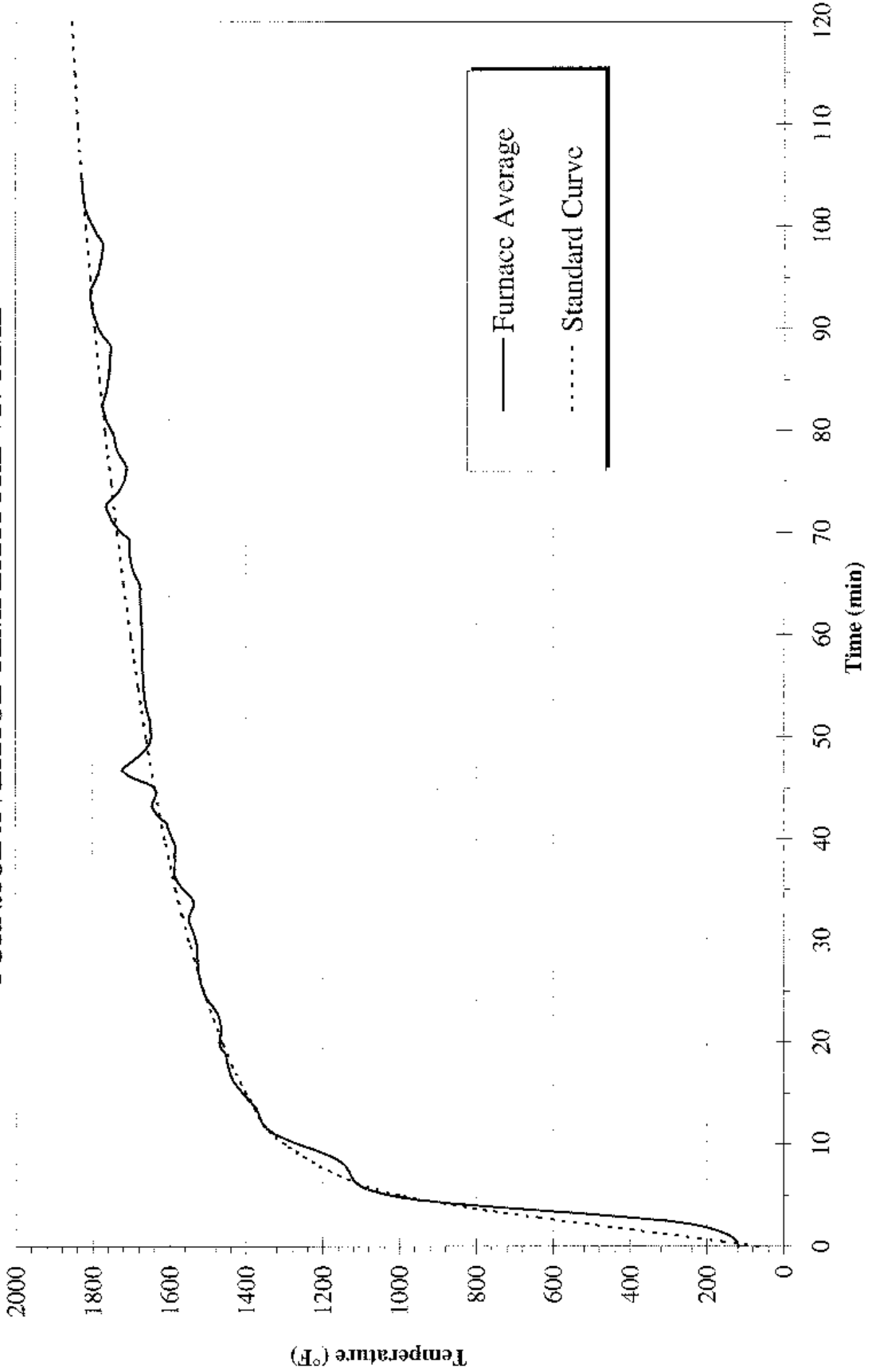
CLIENT: CONTEGO INTERNATIONAL, INC.
SWRI PROJECT NO.: 01.10084.01.705f
TEST DATE: JANUARY 4, 2005
TEST ID: 004CON2.DAT

V-338 SAMPLE TEMPERATURES VS. TIME



CLIENT: CONTEGO INTERNATIONAL, INC.
SwRI PROJECT NO.: 01.10084.01.705f
TEST DATE: JANUARY 4, 2005
TEST ID: 004CON2.DAT

FURNACE AVERAGE TEMPERATURE VS. TIME



CONTEGO INTERNATIONAL, INC.
SAMPLE TEMPERATURE (°F)

TEST DATE: JANUARY 4, 2005
FILE ID: 004CON2.DAT

SwRI PROJECT NO.: 01.10084.01.705F
TEST TYPE: ASTM E 119 SCREENING

Time (min:sec)	TC 1	V-338 TC 2	TC 3
0:00	79	79	79
0:15	79	79	79
0:30	79	79	79
0:45	79	79	79
1:00	79	79	79
1:15	79	79	79
1:30	79	79	79
1:45	79	79	79
2:00	79	79	79
2:15	79	79	79
2:30	79	79	79
2:45	79	79	79
3:00	79	79	79
3:15	79	79	79
3:30	79	80	79
3:45	80	80	79
4:00	80	80	79
4:15	81	80	79
4:30	82	80	79
4:45	83	80	79
5:00	84	80	79
5:15	86	80	79
5:30	88	80	79
5:45	90	80	79
6:00	92	81	80
6:15	94	81	80
6:30	96	82	80
6:45	98	82	80
7:00	100	83	80
7:15	102	84	80
7:30	105	85	81
7:45	107	86	82
8:00	109	87	83
8:15	111	88	84
8:30	113	90	85
8:45	115	91	87
9:00	117	93	89
9:15	119	94	91
9:30	120	96	93
9:45	122	97	95
10:00	124	99	98
10:15	125	101	100
10:30	127	103	102
10:45	129	104	104
11:00	130	106	106
11:15	131	108	108
11:30	133	109	110
11:45	134	111	112
12:00	135	112	114
12:15	136	114	116
12:30	137	115	118
12:45	138	117	119
13:00	140	118	121
13:15	140	119	122
13:30	141	121	124
13:45	142	122	125
14:00	143	123	127
14:15	144	124	128

CONTEGO INTERNATIONAL, INC.
 SAMPLE TEMPERATURE (°F)

TEST DATE: JANUARY 4, 2005
 FILE ID: 004CON2.DAT

SwRI PROJECT NO.: 01.10084.01.7051
 TEST TYPE: ASTM E 119 SCREENING

Time (min:sec)	TC 1	V-338 TC 2	TC 3
14:30	145	125	129
14:45	146	127	131
15:00	146	128	132
15:15	147	128	133
15:30	148	129	134
15:45	148	130	135
16:00	149	131	136
16:15	150	132	137
16:30	150	133	138
16:45	151	133	138
17:00	151	134	139
17:15	152	135	140
17:30	152	135	141
17:45	153	136	141
18:00	153	137	142
18:15	153	137	143
18:30	154	138	143
18:45	154	138	144
19:00	155	139	144
19:15	155	139	145
19:30	155	140	145
19:45	156	140	146
20:00	156	141	146
20:15	156	141	147
20:30	157	141	147
20:45	157	142	147
21:00	157	142	148
21:15	157	142	148
21:30	158	143	148
21:45	158	143	149
22:00	158	144	149
22:15	158	144	149
22:30	159	144	150
22:45	159	144	150
23:00	159	145	150
23:15	159	145	151
23:30	159	145	151
23:45	160	145	151
24:00	160	146	151
24:15	160	146	152
24:30	160	146	152
24:45	160	146	152
25:00	160	147	152
25:15	160	147	152
25:30	160	147	153
25:45	161	147	153
26:00	161	147	153
26:15	161	148	153
26:30	161	148	153
26:45	161	148	154
27:00	161	148	154
27:15	161	148	154
27:30	161	148	154
27:45	161	148	154
28:00	161	148	154
28:15	161	148	155
28:30	161	148	155
28:45	161	148	155

CONTEGO INTERNATIONAL, INC.
 SAMPLE TEMPERATURE (°F)

TEST DATE: JANUARY 4, 2005
 FILE ID: 004CON2.DAT

S_wRI PROJECT NO.: 01.10084.01.705F
 TEST TYPE: ASTM E 119 SCREENING

Time (min:sec)	TC 1	V-338 TC 2	TC 3
29:00	161	148	155
29:15	161	148	155
29:30	161	148	155
29:45	161	148	155
30:00	161	148	155
30:15	161	148	155
30:30	161	148	155
30:45	161	148	155
31:00	161	148	155
31:15	161	148	155
31:30	161	148	155
31:45	161	148	155
32:00	161	148	155
32:15	161	148	155
32:30	161	148	155
32:45	160	148	155
33:00	160	148	155
33:15	161	148	155
33:30	161	148	155
33:45	161	148	155
34:00	161	148	155
34:15	161	148	155
34:30	160	148	155
34:45	161	148	155
35:00	161	148	155
35:15	161	148	155
35:30	161	148	155
35:45	161	148	155
36:00	161	148	155
36:15	161	148	155
36:30	161	148	155
36:45	161	148	155
37:00	161	148	155
37:15	161	149	155
37:30	161	149	155
37:45	161	149	155
38:00	161	149	155
38:15	161	149	156
38:30	161	149	156
38:45	161	149	156
39:00	161	150	156
39:15	161	150	156
39:30	161	150	156
39:45	161	150	156
40:00	162	150	157
40:15	162	151	157
40:30	162	151	157
40:45	162	151	157
41:00	162	151	157
41:15	162	152	157
41:30	162	152	158
41:45	162	152	158
42:00	162	153	158
42:15	163	153	158
42:30	163	153	158
42:45	163	153	159
43:00	163	154	159
43:15	163	154	159

CONTEGO INTERNATIONAL, INC.
SAMPLE TEMPERATURE (°F)

TEST DATE: JANUARY 4, 2005
FILE ID: 004CON2.DAT

SwRI PROJECT NO.: 01.10084.01.7051
TEST TYPE: ASTM E 119 SCREENING

Time (min:sec)	TC 1	V-338 TC 2	TC 3
43:30	164	154	159
43:45	164	155	160
44:00	164	155	160
44:15	164	155	160
44:30	165	155	160
44:45	165	156	160
45:00	166	156	161
45:15	166	156	161
45:30	166	157	161
45:45	167	157	161
46:00	168	157	161
46:15	168	157	162
46:30	169	158	162
46:45	169	158	162
47:00	170	158	162
47:15	171	158	162
47:30	172	159	163
47:45	172	159	163
48:00	173	159	163
48:15	174	159	163
48:30	175	160	163
48:45	176	160	164
49:00	176	160	164
49:15	177	160	164
49:30	178	161	164
49:45	179	161	164
50:00	180	161	165
50:15	181	161	165
50:30	182	162	165
50:45	182	162	165
51:00	183	162	165
51:15	184	162	166
51:30	185	162	166
51:45	186	163	166
52:00	187	163	166
52:15	187	163	166
52:30	188	163	167
52:45	189	163	167
53:00	190	163	167
53:15	191	164	167
53:30	191	164	167
53:45	192	164	167
54:00	193	164	168
54:15	193	164	168
54:30	194	165	168
54:45	195	165	168
55:00	195	165	168
55:15	196	165	169
55:30	196	165	169
55:45	197	165	169
56:00	197	166	169
56:15	197	166	169
56:30	198	166	169
56:45	198	166	170
57:00	199	166	170
57:15	199	167	170
57:30	199	167	170
57:45	200	167	171

CONTEGO INTERNATIONAL, INC.
 SAMPLE TEMPERATURE (°F)

TEST DATE: JANUARY 4, 2005
 FILE ID: 004CON2.DAT

SwRI PROJECT NO.: 01.10084.01.705F
 TEST TYPE: ASTM E 119 SCREENING

Time (min:sec)	V-338		
	TC 1	TC 2	TC 3
58:00	200	167	171
58:15	200	167	171
58:30	200	167	171
58:45	201	168	172
59:00	201	168	172
59:15	201	168	172
59:30	202	168	173
59:45	202	169	173
60:00	202	169	174
60:15	202	169	174
60:30	203	170	175
60:45	203	170	175
61:00	203	170	176
61:15	203	171	176
61:30	203	171	177
61:45	204	172	178
62:00	204	172	178
62:15	204	173	179
62:30	204	174	180
62:45	204	175	180
63:00	205	176	181
63:15	205	177	182
63:30	205	178	183
63:45	205	179	184
64:00	206	180	184
64:15	206	181	185
64:30	206	182	186
64:45	206	184	187
65:00	207	185	188
65:15	207	186	189
65:30	207	187	190
65:45	208	188	191
66:00	208	189	192
66:15	208	190	193
66:30	209	190	194
66:45	209	191	195
67:00	209	192	196
67:15	210	192	197
67:30	210	193	198
67:45	211	194	198
68:00	211	194	199
68:15	212	195	200
68:30	212	195	200
68:45	213	195	201
69:00	213	196	201
69:15	214	196	201
69:30	214	197	202
69:45	215	197	202
70:00	216	197	203
70:15	216	198	203
70:30	217	198	203
70:45	218	198	203
71:00	218	198	204
71:15	219	199	204
71:30	220	199	204
71:45	221	199	204
72:00	222	199	204
72:15	223	200	205

CONTEGO INTERNATIONAL, INC.
SAMPLE TEMPERATURE (°F)

TEST DATE: JANUARY 4, 2005
FILE ID: 004CON2.DAT

SwRI PROJECT NO.: 01.10084.01.705f
TEST TYPE: ASTM E 119 SCREENING

Time (min:sec)	V-338		TC 3
	TC 1	TC 2	
72:30	224	200	205
72:45	225	200	205
73:00	226	200	205
73:15	227	200	205
73:30	228	201	206
73:45	229	201	206
74:00	230	201	206
74:15	232	201	206
74:30	233	202	206
74:45	234	202	206
75:00	236	202	207
75:15	237	202	207
75:30	239	203	207
75:45	240	203	207
76:00	242	203	207
76:15	244	203	208
76:30	246	204	208
76:45	248	204	208
77:00	250	204	208
77:15	252	205	208
77:30	254	205	209
77:45	256	206	209
78:00	258	206	209
78:15	261	207	209
78:30	263	207	210
78:45	266	208	210
79:00	268	208	210
79:15	271	209	210
79:30	274	210	211
79:45	277	211	211
80:00	280	211	211
80:15	284	212	212
80:30	287	213	212
80:45	291	214	212
81:00	295	215	212
81:15	299	216	213
81:30	304	217	213
81:45	309	218	214
82:00	314	219	214
82:15	319	220	214
82:30	325	222	215
82:45	330	223	215
83:00	337	224	216
83:15	343	226	216
83:30	350	227	217
83:45	357	229	217
84:00	364	230	218
84:15	372	232	218
84:30	379	233	219
84:45	387	235	219
85:00	395	237	220
85:15	404	239	220
85:30	412	240	221
85:45	421	242	222
86:00	431	244	222
86:15	441	246	223
86:30	451	249	223
86:45	462	251	224

CONTEGO INTERNATIONAL, INC.
 SAMPLE TEMPERATURE (°F)

TEST DATE: JANUARY 4, 2005
 FILE ID: 004CON2.DAT

SwRI PROJECT NO.: 01.10084.01.705F
 TEST TYPE: ASTM E 119 SCREENING

Time (min:sec)	V-338		TC 3
	TC 1	TC 2	
87:00	474	253	225
87:15	487	255	226
87:30	501	258	226
87:45	515	260	227
88:00	527	263	228
88:15	540	265	229
88:30	553	268	229
88:45	567	271	230
89:00	583	274	231
89:15	599	276	232
89:30	614	279	233
89:45	629	282	234
90:00	645	285	235
90:15	663	288	236
90:30	684	291	237
90:45	710	295	238
91:00	740	298	239
91:15	773	301	240
91:30	806	305	241
91:45	837	308	242
92:00	865	311	243
92:15	894	315	244
92:30	920	319	245
92:45	940	322	246
93:00	960	326	248
93:15	980	330	249
93:30	1000	334	250
93:45	1020	339	251
94:00	1038	343	253
94:15	1058	348	254
94:30	1075	352	255
94:45	1092	357	257
95:00	1106	363	258
95:15	1119	369	260
95:30	1132	376	261
95:45	1144	383	262
96:00	1156	391	264
96:15	1167	399	265
96:30	1178	409	267
96:45	1188	419	269
97:00	1197	430	270
97:15	1208	441	272
97:30	1217	453	274
97:45	1225	465	275
98:00	1230	476	277
98:15	1235	488	279
98:30	1243	499	281
98:45	1252	509	282
99:00	1261	519	284
99:15	1270	527	286
99:30	1284	535	288
99:45	1300	542	290
100:00	1313	548	292
100:15	1325	555	294
100:30	1335	561	297
100:45	1337	567	299
101:00	1342	574	301
101:15	1351	579	303

CONTEGO INTERNATIONAL, INC.
SAMPLE TEMPERATURE (°F)

TEST DATE: JANUARY 4, 2005
FILE ID: 004CON2.DAT

S_wRI PROJECT NO.: 01.10084.01.705f
TEST TYPE: ASTM E 119 SCREENING

Time (min:sec)	TC 1	V-338 TC 2	TC 3
101:30	1365	585	306
101:45	1363	591	308
102:00	1359	597	311
102:15	1361	603	314
102:30	1359	610	317
102:45	1326	617	320
103:00	1292	625	323
103:15	1290	635	326
103:30	1335	646	330
103:45	1367	659	333
104:00	1467	674	337
104:15	1514	691	342
104:30	1535	713	346
104:45	915	734	351
105:00	431	754	355

CONTEGO INTERNATIONAL, INC.
FURNACE TEMPERATURE (°F)

TEST DATE: JANUARY 4, 2005
 FILE ID: 004CON2.DAT

SwRI PROJECT NO.: 01.10084.01.705f
 TEST TYPE: ASTM E 119 SCREENING

Time (min:sec)	Furnace									Avg.
	FP 1	FP 2	FP 3	FP 4	FP 5	FP 6	FP 7	FP 8	FP 9	
0:00	118	120	117	115	119	117	122	114	115	117
0:15	119	121	118	116	120	119	123	114	116	118
0:30	122	128	122	119	122	123	124	116	118	121
0:45	128	140	128	123	125	133	128	121	125	128
1:00	138	158	138	131	130	149	135	128	135	138
1:15	151	180	150	143	138	169	145	137	149	151
1:30	168	206	166	159	148	195	159	150	166	169
1:45	190	239	185	177	162	227	175	166	187	190
2:00	217	279	209	200	179	268	195	185	214	216
2:15	252	328	239	230	203	321	222	210	250	251
2:30	302	407	282	275	240	395	255	242	300	300
2:45	374	534	344	343	296	499	303	289	379	374
3:00	455	652	413	415	363	608	364	345	463	453
3:15	543	765	492	496	442	723	436	410	555	540
3:30	633	873	578	582	532	832	517	482	650	631
3:45	727	968	666	670	624	931	601	558	741	721
4:00	822	1046	752	756	716	1011	684	637	824	805
4:15	910	1104	831	837	799	1075	757	715	894	880
4:30	985	1144	900	907	868	1120	806	791	950	941
4:45	1045	1168	957	963	922	1145	858	856	989	989
5:00	1088	1178	1007	1005	963	1157	909	909	1016	1026
5:15	1120	1184	1049	1038	995	1167	942	953	1036	1054
5:30	1145	1188	1082	1064	1021	1173	972	989	1054	1076
5:45	1163	1188	1106	1082	1041	1175	1012	1017	1066	1094
6:00	1175	1186	1123	1095	1055	1173	1024	1038	1074	1105
6:15	1183	1183	1136	1105	1066	1171	1055	1055	1079	1115
6:30	1190	1179	1146	1111	1074	1169	1065	1067	1083	1121
6:45	1195	1176	1153	1116	1081	1167	1073	1078	1086	1125
7:00	1199	1173	1158	1120	1086	1166	1072	1086	1088	1127
7:15	1203	1171	1163	1123	1091	1165	1074	1093	1090	1130
7:30	1208	1171	1168	1127	1095	1166	1081	1100	1093	1134
7:45	1213	1172	1174	1130	1101	1168	1085	1107	1097	1139
8:00	1220	1175	1180	1136	1107	1173	1093	1115	1103	1145
8:15	1230	1181	1189	1143	1115	1181	1100	1124	1111	1153
8:30	1243	1191	1200	1152	1126	1192	1109	1135	1121	1163
8:45	1258	1204	1214	1164	1139	1205	1107	1149	1133	1175
9:00	1276	1219	1228	1177	1155	1222	1120	1164	1147	1190
9:15	1296	1238	1245	1192	1173	1239	1135	1180	1162	1207
9:30	1319	1260	1264	1209	1193	1259	1151	1198	1179	1226
9:45	1342	1284	1283	1227	1214	1280	1168	1217	1197	1246
10:00	1364	1305	1301	1244	1234	1299	1186	1235	1214	1265
10:15	1385	1322	1318	1260	1253	1314	1203	1252	1229	1282
10:30	1404	1335	1334	1275	1270	1328	1218	1268	1243	1297
10:45	1421	1347	1348	1289	1286	1341	1234	1283	1256	1312
11:00	1436	1357	1361	1301	1300	1352	1260	1297	1268	1326
11:15	1447	1364	1373	1311	1311	1360	1262	1309	1278	1335
11:30	1458	1370	1381	1319	1320	1365	1289	1319	1286	1345
11:45	1466	1373	1389	1326	1328	1369	1294	1327	1292	1352
12:00	1472	1375	1394	1331	1334	1372	1301	1334	1297	1357
12:15	1476	1375	1398	1334	1338	1372	1312	1338	1299	1360
12:30	1480	1375	1401	1337	1341	1372	1319	1341	1301	1363
12:45	1483	1376	1404	1339	1343	1372	1323	1344	1303	1365
13:00	1486	1377	1407	1341	1345	1372	1326	1347	1305	1367
13:15	1490	1378	1410	1343	1348	1374	1329	1350	1308	1370
13:30	1496	1382	1414	1347	1352	1378	1333	1355	1312	1374
13:45	1501	1387	1420	1353	1356	1383	1337	1360	1317	1379
14:00	1509	1393	1425	1358	1361	1389	1342	1365	1322	1385
14:15	1517	1398	1431	1364	1366	1395	1347	1371	1329	1391

CONTEGO INTERNATIONAL, INC.
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TEST DATE: JANUARY 4, 2005
FILE ID: 004CON2.DAT

SwRI PROJECT NO.: 01.10084.01.705f
TEST TYPE: ASTM E 119 SCREENING

Time (min:sec)										Furnace
	FP 1	FP 2	FP 3	FP 4	FP 5	FP 6	FP 7	FP 8	FP 9	Avg.
14:30	1525	1405	1437	1370	1372	1401	1352	1377	1335	1397
14:45	1533	1412	1443	1376	1377	1407	1358	1383	1341	1403
15:00	1538	1418	1449	1381	1383	1412	1363	1389	1347	1409
15:15	1542	1425	1455	1387	1388	1418	1367	1395	1353	1414
15:30	1545	1431	1461	1393	1394	1423	1373	1400	1358	1420
15:45	1549	1438	1467	1399	1399	1429	1379	1406	1363	1425
16:00	1554	1444	1473	1404	1405	1434	1384	1411	1368	1431
16:15	1557	1449	1477	1408	1409	1437	1389	1415	1372	1435
16:30	1560	1453	1481	1411	1413	1439	1393	1418	1375	1438
16:45	1561	1456	1483	1414	1416	1440	1397	1420	1377	1440
17:00	1562	1459	1485	1417	1418	1442	1399	1422	1379	1443
17:15	1562	1462	1488	1419	1420	1443	1401	1424	1380	1444
17:30	1561	1466	1489	1421	1422	1445	1403	1426	1382	1446
17:45	1562	1468	1490	1424	1424	1446	1406	1428	1385	1448
18:00	1565	1469	1492	1425	1426	1447	1408	1429	1386	1450
18:15	1567	1469	1494	1427	1427	1447	1410	1430	1388	1451
18:30	1568	1468	1494	1428	1428	1448	1411	1431	1389	1452
18:45	1572	1467	1496	1428	1430	1448	1412	1433	1390	1453
19:00	1584	1467	1500	1431	1433	1452	1415	1436	1393	1457
19:15	1601	1471	1506	1434	1437	1457	1418	1441	1397	1462
19:30	1609	1474	1511	1438	1442	1461	1422	1445	1401	1467
19:45	1608	1475	1513	1440	1445	1463	1426	1448	1403	1469
20:00	1603	1473	1513	1441	1447	1463	1428	1450	1405	1469
20:15	1596	1471	1512	1441	1449	1463	1430	1450	1406	1469
20:30	1589	1470	1511	1442	1449	1463	1431	1451	1406	1468
20:45	1584	1468	1510	1442	1449	1462	1431	1451	1407	1467
21:00	1579	1467	1509	1442	1449	1461	1432	1451	1407	1466
21:15	1575	1466	1508	1442	1449	1461	1432	1451	1408	1466
21:30	1572	1466	1508	1443	1449	1462	1432	1451	1408	1466
21:45	1571	1467	1509	1444	1450	1463	1433	1452	1409	1467
22:00	1570	1468	1511	1446	1452	1466	1434	1454	1411	1468
22:15	1570	1470	1512	1447	1454	1467	1436	1456	1413	1470
22:30	1570	1473	1514	1450	1456	1469	1438	1458	1416	1472
22:45	1571	1476	1517	1452	1459	1472	1441	1460	1419	1474
23:00	1573	1480	1521	1456	1464	1477	1444	1464	1423	1478
23:15	1576	1485	1525	1461	1469	1482	1448	1469	1428	1483
23:30	1580	1491	1530	1466	1475	1488	1452	1474	1433	1488
23:45	1584	1496	1535	1471	1481	1494	1456	1479	1439	1493
24:00	1588	1502	1540	1477	1487	1499	1461	1485	1444	1498
24:15	1591	1506	1545	1482	1492	1504	1465	1489	1449	1502
24:30	1593	1510	1549	1486	1498	1508	1469	1494	1453	1507
24:45	1594	1513	1552	1490	1503	1511	1473	1497	1457	1510
25:00	1594	1515	1554	1492	1507	1512	1476	1500	1458	1512
25:15	1592	1516	1555	1494	1511	1513	1479	1502	1461	1514
25:30	1592	1518	1557	1497	1515	1515	1482	1505	1463	1516
25:45	1592	1520	1559	1500	1518	1517	1484	1508	1466	1518
26:00	1592	1522	1560	1501	1521	1518	1486	1510	1467	1520
26:15	1592	1523	1561	1504	1524	1520	1488	1511	1469	1521
26:30	1592	1525	1562	1505	1527	1521	1490	1513	1470	1523
26:45	1591	1526	1563	1506	1529	1522	1491	1514	1471	1524
27:00	1591	1528	1564	1508	1532	1524	1492	1515	1473	1525
27:15	1591	1529	1565	1509	1533	1524	1493	1517	1474	1526
27:30	1590	1530	1565	1510	1534	1525	1494	1518	1475	1527
27:45	1589	1531	1565	1511	1535	1524	1494	1518	1475	1527
28:00	1588	1531	1565	1511	1535	1524	1495	1518	1476	1527
28:15	1587	1531	1566	1511	1536	1525	1495	1519	1477	1527
28:30	1586	1532	1566	1512	1535	1525	1496	1519	1478	1528
28:45	1585	1533	1566	1513	1534	1525	1496	1520	1479	1528

CONTEGO INTERNATIONAL, INC.
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TEST DATE: JANUARY 4, 2005
FILE ID: 004CON2.DAT

SwRI PROJECT NO.: 01.10084.01.705F
TEST TYPE: ASTM E 119 SCREENING

Time (min:sec)										Furnace
	FP 1	FP 2	FP 3	FP 4	FP 5	FP 6	FP 7	FP 8	FP 9	Avg.
29:00	1584	1533	1566	1514	1532	1526	1496	1520	1479	1528
29:15	1584	1533	1566	1514	1531	1527	1496	1520	1480	1528
29:30	1584	1534	1567	1515	1531	1527	1497	1521	1481	1529
29:45	1586	1536	1569	1517	1534	1530	1498	1523	1484	1531
30:00	1587	1538	1571	1519	1534	1533	1500	1525	1487	1533
30:15	1588	1541	1572	1521	1532	1535	1501	1527	1489	1534
30:30	1589	1542	1574	1524	1532	1537	1503	1529	1492	1536
30:45	1591	1545	1576	1526	1532	1540	1505	1532	1494	1538
31:00	1593	1548	1579	1528	1531	1543	1508	1534	1497	1540
31:15	1596	1551	1581	1531	1532	1546	1510	1537	1500	1543
31:30	1598	1553	1584	1534	1533	1549	1513	1540	1503	1545
31:45	1600	1555	1586	1537	1533	1551	1516	1543	1506	1547
32:00	1601	1558	1588	1539	1530	1553	1518	1545	1508	1549
32:15	1601	1559	1588	1540	1523	1553	1520	1546	1509	1549
32:30	1601	1559	1587	1540	1514	1553	1521	1545	1510	1548
32:45	1599	1557	1585	1539	1503	1550	1519	1543	1508	1545
33:00	1597	1556	1583	1538	1494	1548	1517	1540	1506	1542
33:15	1595	1555	1581	1537	1486	1546	1514	1536	1504	1539
33:30	1593	1554	1580	1536	1478	1543	1512	1533	1502	1537
33:45	1593	1558	1582	1539	1474	1547	1510	1532	1505	1538
34:00	1595	1563	1585	1542	1471	1550	1510	1533	1509	1540
34:15	1598	1569	1589	1547	1470	1556	1512	1534	1513	1543
34:30	1604	1581	1596	1556	1472	1565	1515	1539	1522	1550
34:45	1610	1591	1602	1564	1475	1573	1519	1544	1530	1556
35:00	1616	1599	1609	1571	1478	1581	1524	1550	1537	1563
35:15	1623	1606	1615	1578	1481	1588	1530	1555	1544	1569
35:30	1628	1611	1620	1584	1485	1593	1535	1560	1550	1574
35:45	1632	1615	1625	1588	1488	1598	1541	1564	1555	1578
36:00	1637	1619	1629	1592	1490	1602	1545	1567	1559	1582
36:15	1640	1621	1632	1596	1494	1605	1549	1571	1562	1586
36:30	1643	1622	1634	1597	1495	1606	1552	1573	1564	1587
36:45	1643	1620	1634	1597	1494	1604	1554	1573	1563	1587
37:00	1643	1618	1634	1596	1494	1603	1555	1573	1561	1586
37:15	1643	1617	1633	1595	1493	1602	1556	1573	1561	1586
37:30	1644	1616	1633	1595	1493	1601	1556	1573	1561	1586
37:45	1644	1616	1633	1594	1493	1601	1556	1572	1560	1585
38:00	1644	1615	1633	1594	1493	1601	1556	1572	1560	1585
38:15	1644	1615	1634	1594	1494	1602	1556	1573	1560	1586
38:30	1645	1615	1634	1594	1495	1601	1556	1573	1561	1586
38:45	1645	1615	1634	1593	1494	1601	1556	1572	1561	1586
39:00	1645	1614	1634	1593	1494	1600	1556	1572	1560	1585
39:15	1645	1614	1634	1593	1495	1600	1555	1572	1559	1585
39:30	1645	1615	1634	1594	1496	1601	1556	1573	1560	1586
39:45	1648	1620	1637	1598	1498	1605	1557	1575	1563	1589
40:00	1650	1624	1641	1601	1500	1609	1559	1577	1567	1592
40:15	1653	1627	1643	1603	1503	1612	1560	1580	1569	1595
40:30	1655	1630	1646	1606	1507	1615	1562	1582	1572	1597
40:45	1658	1633	1649	1609	1512	1619	1564	1585	1575	1600
41:00	1660	1636	1651	1611	1517	1621	1566	1587	1577	1603
41:15	1663	1638	1653	1614	1521	1623	1568	1589	1580	1606
41:30	1664	1640	1653	1615	1516	1622	1569	1590	1581	1605
41:45	1674	1659	1660	1627	1512	1633	1571	1594	1591	1614
42:00	1686	1677	1670	1640	1509	1643	1579	1601	1603	1623
42:15	1694	1688	1676	1649	1506	1649	1585	1606	1612	1629
42:30	1701	1696	1681	1656	1504	1654	1589	1610	1618	1634
42:45	1707	1702	1685	1662	1504	1658	1594	1615	1623	1639
43:00	1712	1707	1689	1667	1505	1661	1598	1618	1628	1643
43:15	1716	1711	1693	1671	1507	1664	1601	1621	1631	1646

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FILE ID: 004CON2.DAT

SwRI PROJECT NO.: 01.10084.01.705f
TEST TYPE: ASTM E 119 SCREENING

Time (min:sec)										Furnace
	FP 1	FP 2	FP 3	FP 4	FP 5	FP 6	FP 7	FP 8	FP 9	Avg.
43:30	1715	1706	1691	1669	1508	1660	1603	1621	1631	1645
43:45	1713	1700	1687	1666	1508	1654	1601	1619	1628	1642
44:00	1709	1695	1684	1663	1507	1649	1597	1617	1626	1639
44:15	1706	1692	1681	1660	1507	1646	1592	1615	1624	1636
44:30	1704	1690	1679	1658	1506	1643	1588	1613	1622	1634
44:45	1703	1691	1680	1659	1508	1645	1587	1614	1623	1634
45:00	1705	1696	1685	1663	1511	1653	1590	1620	1628	1639
45:15	1708	1703	1691	1668	1517	1661	1596	1629	1633	1645
45:30	1717	1712	1701	1676	1565	1674	1606	1641	1642	1659
45:45	1730	1722	1714	1686	1626	1689	1618	1655	1650	1677
46:00	1744	1731	1727	1695	1678	1702	1631	1669	1656	1693
46:15	1757	1739	1738	1703	1712	1714	1643	1681	1662	1705
46:30	1767	1744	1747	1707	1737	1721	1652	1691	1666	1715
46:45	1776	1749	1755	1712	1751	1727	1660	1698	1669	1722
47:00	1777	1740	1754	1707	1748	1719	1665	1698	1664	1719
47:15	1770	1726	1747	1696	1739	1706	1664	1691	1653	1710
47:30	1762	1713	1738	1685	1728	1693	1659	1683	1642	1700
47:45	1754	1701	1730	1675	1721	1682	1653	1676	1633	1692
48:00	1745	1692	1723	1666	1712	1674	1647	1668	1625	1684
48:15	1738	1685	1716	1659	1704	1666	1641	1662	1617	1676
48:30	1731	1676	1709	1651	1699	1658	1635	1655	1610	1669
48:45	1725	1671	1703	1645	1693	1651	1630	1649	1604	1663
49:00	1718	1666	1698	1639	1687	1646	1625	1644	1599	1658
49:15	1712	1662	1694	1634	1684	1641	1620	1639	1594	1653
49:30	1707	1660	1691	1631	1682	1638	1616	1636	1591	1650
49:45	1704	1659	1689	1629	1679	1638	1614	1635	1589	1648
50:00	1702	1658	1687	1627	1680	1637	1612	1633	1587	1647
50:15	1702	1659	1687	1627	1681	1638	1611	1633	1588	1647
50:30	1701	1661	1688	1628	1680	1639	1611	1634	1588	1648
50:45	1701	1661	1689	1628	1680	1640	1612	1635	1589	1648
51:00	1701	1662	1689	1629	1682	1641	1612	1635	1589	1649
51:15	1701	1662	1689	1629	1683	1641	1612	1635	1590	1649
51:30	1701	1663	1690	1629	1687	1642	1613	1636	1590	1650
51:45	1701	1664	1691	1630	1689	1644	1614	1637	1591	1651
52:00	1703	1665	1693	1632	1695	1646	1616	1639	1593	1653
52:15	1703	1667	1694	1633	1701	1647	1617	1640	1594	1655
52:30	1704	1668	1696	1635	1703	1649	1619	1642	1596	1657
52:45	1705	1669	1697	1636	1706	1651	1621	1644	1598	1659
53:00	1706	1672	1699	1638	1708	1653	1623	1646	1599	1660
53:15	1706	1674	1700	1639	1708	1654	1625	1648	1600	1662
53:30	1707	1674	1701	1641	1710	1655	1626	1649	1602	1663
53:45	1707	1675	1701	1642	1710	1656	1627	1651	1603	1664
54:00	1708	1676	1702	1642	1712	1657	1628	1651	1604	1665
54:15	1708	1676	1702	1643	1712	1658	1629	1652	1604	1665
54:30	1707	1676	1702	1644	1714	1658	1630	1653	1605	1666
54:45	1707	1677	1702	1645	1715	1659	1631	1654	1605	1666
55:00	1707	1677	1702	1645	1717	1659	1631	1655	1606	1667
55:15	1707	1676	1702	1646	1716	1660	1632	1656	1606	1667
55:30	1707	1677	1702	1646	1715	1661	1633	1657	1607	1667
55:45	1707	1679	1703	1647	1714	1661	1633	1658	1607	1668
56:00	1707	1678	1702	1647	1715	1661	1634	1659	1607	1668
56:15	1707	1678	1702	1648	1717	1662	1635	1659	1608	1668
56:30	1707	1679	1702	1648	1720	1662	1635	1659	1609	1669
56:45	1707	1681	1703	1649	1717	1662	1635	1659	1609	1669
57:00	1707	1681	1703	1649	1716	1663	1636	1659	1610	1669
57:15	1707	1681	1703	1650	1717	1663	1636	1659	1610	1670
57:30	1707	1681	1703	1650	1718	1663	1636	1660	1610	1670
57:45	1707	1682	1703	1651	1716	1663	1637	1660	1611	1670

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TEST TYPE: ASTM E 119 SCREENING

Time (min:sec)	Furnace									Avg.
	FP 1	FP 2	FP 3	FP 4	FP 5	FP 6	FP 7	FP 8	FP 9	
58:00	1706	1681	1703	1651	1713	1663	1637	1660	1611	1670
58:15	1706	1680	1703	1651	1714	1663	1637	1660	1611	1669
58:30	1706	1679	1703	1651	1715	1662	1637	1660	1611	1669
58:45	1706	1679	1703	1651	1714	1663	1637	1660	1612	1669
59:00	1706	1679	1703	1652	1712	1664	1637	1660	1612	1669
59:15	1705	1680	1703	1652	1712	1664	1638	1660	1613	1670
59:30	1705	1680	1704	1652	1712	1664	1638	1661	1613	1670
59:45	1706	1681	1704	1653	1710	1665	1638	1662	1614	1670
60:00	1706	1681	1705	1653	1708	1665	1639	1663	1614	1670
60:15	1706	1680	1705	1654	1708	1665	1640	1663	1614	1671
60:30	1707	1680	1705	1654	1706	1666	1640	1664	1615	1671
60:45	1707	1680	1705	1655	1704	1666	1641	1665	1615	1671
61:00	1707	1680	1706	1656	1703	1667	1642	1666	1616	1671
61:15	1708	1683	1707	1657	1700	1668	1643	1666	1617	1672
61:30	1708	1683	1707	1657	1698	1669	1643	1666	1618	1672
61:45	1709	1683	1708	1658	1697	1669	1644	1667	1618	1672
62:00	1709	1683	1708	1658	1697	1669	1644	1667	1619	1673
62:15	1710	1684	1708	1659	1697	1670	1645	1667	1619	1673
62:30	1710	1684	1709	1659	1697	1670	1645	1667	1620	1673
62:45	1710	1685	1709	1660	1697	1670	1645	1668	1620	1674
63:00	1711	1685	1709	1660	1697	1671	1646	1668	1620	1674
63:15	1711	1687	1710	1661	1697	1671	1646	1668	1620	1674
63:30	1710	1687	1710	1661	1696	1671	1647	1669	1621	1675
63:45	1711	1688	1710	1661	1697	1671	1647	1669	1621	1675
64:00	1711	1688	1710	1662	1696	1671	1647	1669	1621	1675
64:15	1710	1688	1710	1662	1693	1671	1648	1669	1622	1675
64:30	1711	1688	1711	1662	1691	1671	1648	1669	1622	1675
64:45	1712	1689	1712	1663	1690	1673	1649	1669	1623	1675
65:00	1714	1690	1713	1665	1689	1675	1650	1671	1626	1677
65:15	1717	1695	1717	1669	1689	1679	1653	1674	1630	1680
65:30	1721	1699	1721	1673	1691	1684	1656	1678	1634	1684
65:45	1724	1703	1724	1677	1692	1687	1659	1681	1638	1687
66:00	1727	1706	1727	1680	1693	1691	1662	1685	1641	1690
66:15	1730	1709	1730	1683	1694	1693	1665	1687	1644	1693
66:30	1733	1711	1732	1685	1695	1696	1667	1690	1646	1695
66:45	1735	1713	1734	1687	1695	1698	1670	1692	1649	1697
67:00	1736	1714	1735	1689	1694	1700	1672	1694	1650	1698
67:15	1738	1716	1737	1691	1692	1701	1673	1696	1652	1700
67:30	1739	1717	1738	1693	1691	1703	1675	1697	1655	1701
67:45	1740	1718	1739	1694	1689	1703	1676	1698	1656	1702
68:00	1740	1719	1739	1695	1687	1704	1677	1699	1657	1702
68:15	1740	1719	1739	1696	1685	1704	1678	1699	1657	1702
68:30	1741	1720	1740	1697	1682	1705	1678	1700	1658	1702
68:45	1741	1721	1740	1697	1680	1706	1679	1700	1658	1703
69:00	1742	1721	1741	1698	1678	1706	1679	1700	1659	1702
69:15	1742	1721	1741	1698	1676	1705	1679	1700	1659	1702
69:30	1746	1727	1745	1703	1677	1712	1681	1703	1665	1707
69:45	1753	1738	1752	1712	1682	1723	1686	1710	1674	1715
70:00	1761	1748	1760	1721	1687	1732	1693	1718	1684	1723
70:15	1767	1756	1766	1728	1692	1739	1699	1724	1691	1729
70:30	1772	1761	1771	1734	1696	1745	1705	1730	1697	1735
70:45	1777	1766	1776	1740	1699	1750	1711	1735	1702	1740
71:00	1782	1771	1781	1745	1703	1755	1716	1740	1708	1744
71:15	1786	1776	1785	1750	1707	1760	1721	1744	1712	1749
71:30	1789	1779	1788	1754	1708	1764	1725	1748	1717	1752
71:45	1792	1782	1791	1757	1709	1766	1728	1751	1720	1755
72:00	1795	1785	1794	1760	1712	1769	1732	1754	1724	1758
72:15	1797	1788	1797	1763	1714	1772	1735	1757	1728	1761

CONTEGO INTERNATIONAL, INC.
FURNACE TEMPERATURE (°F)

TEST DATE: JANUARY 4, 2005
FILE ID: 004CON2.DAT

SwRI PROJECT NO.: 01.10084.01.705F
TEST TYPE: ASTM E 119 SCREENING

Time (min:sec)	Furnace									Avg.
	FP 1	FP 2	FP 3	FP 4	FP 5	FP 6	FP 7	FP 8	FP 9	
72:30	1799	1790	1800	1766	1715	1774	1738	1759	1730	1764
72:45	1799	1788	1799	1765	1715	1772	1738	1759	1728	1762
73:00	1794	1780	1794	1758	1712	1764	1736	1755	1722	1757
73:15	1788	1771	1787	1751	1707	1756	1731	1749	1714	1751
73:30	1782	1763	1780	1744	1703	1748	1725	1742	1707	1744
73:45	1776	1755	1774	1736	1698	1741	1719	1736	1699	1737
74:00	1770	1749	1769	1730	1693	1734	1713	1730	1692	1731
74:15	1766	1745	1764	1725	1689	1729	1708	1725	1687	1727
74:30	1762	1741	1761	1721	1685	1725	1704	1721	1683	1723
74:45	1758	1738	1757	1717	1682	1722	1700	1718	1680	1719
75:00	1756	1735	1755	1714	1679	1720	1697	1715	1677	1716
75:15	1754	1734	1753	1712	1676	1718	1694	1713	1675	1714
75:30	1752	1733	1752	1711	1674	1717	1692	1711	1674	1713
75:45	1750	1732	1751	1710	1672	1717	1691	1710	1673	1712
76:00	1749	1731	1750	1709	1670	1716	1689	1708	1672	1711
76:15	1748	1730	1749	1708	1668	1715	1688	1707	1671	1709
76:30	1749	1732	1750	1709	1668	1717	1687	1707	1673	1710
76:45	1752	1737	1753	1712	1670	1721	1689	1709	1677	1713
77:00	1756	1743	1757	1717	1674	1727	1691	1713	1682	1718
77:15	1760	1749	1761	1721	1677	1733	1695	1717	1687	1722
77:30	1764	1754	1765	1726	1680	1738	1699	1722	1692	1727
77:45	1768	1757	1768	1730	1683	1742	1702	1725	1696	1730
78:00	1771	1761	1771	1733	1685	1745	1705	1728	1699	1733
78:15	1773	1763	1774	1735	1687	1747	1708	1730	1701	1735
78:30	1776	1765	1776	1737	1687	1749	1710	1732	1703	1737
78:45	1778	1768	1777	1739	1687	1751	1712	1734	1705	1739
79:00	1779	1769	1779	1741	1687	1753	1714	1736	1707	1740
79:15	1780	1770	1780	1742	1687	1754	1715	1737	1708	1741
79:30	1781	1770	1781	1743	1686	1755	1716	1738	1710	1742
79:45	1784	1774	1783	1746	1686	1758	1718	1740	1713	1745
80:00	1788	1779	1786	1751	1688	1763	1722	1744	1718	1749
80:15	1791	1783	1789	1755	1690	1768	1725	1747	1722	1752
80:30	1795	1788	1792	1759	1693	1772	1729	1751	1726	1756
80:45	1798	1791	1795	1762	1696	1775	1732	1754	1730	1759
81:00	1801	1794	1798	1766	1698	1779	1735	1756	1733	1762
81:15	1803	1797	1800	1768	1700	1781	1738	1759	1736	1765
81:30	1805	1798	1802	1770	1699	1784	1740	1762	1738	1767
81:45	1807	1800	1805	1773	1700	1785	1743	1764	1741	1769
82:00	1809	1802	1806	1774	1700	1787	1745	1765	1743	1770
82:15	1810	1803	1807	1776	1699	1788	1746	1767	1744	1771
82:30	1811	1804	1808	1777	1699	1789	1748	1768	1746	1772
82:45	1811	1802	1808	1776	1697	1787	1748	1768	1744	1771
83:00	1809	1799	1806	1773	1695	1784	1747	1766	1741	1769
83:15	1807	1796	1804	1771	1692	1781	1745	1764	1738	1766
83:30	1805	1794	1802	1769	1691	1779	1743	1762	1736	1764
83:45	1803	1791	1800	1767	1689	1777	1742	1760	1734	1763
84:00	1801	1790	1799	1765	1688	1775	1740	1758	1732	1761
84:15	1800	1789	1798	1764	1686	1774	1739	1757	1731	1760
84:30	1799	1787	1797	1762	1685	1773	1738	1756	1730	1759
84:45	1798	1786	1796	1762	1684	1772	1737	1755	1730	1758
85:00	1797	1785	1795	1761	1684	1772	1736	1754	1729	1757
85:15	1797	1785	1794	1760	1682	1771	1735	1753	1728	1756
85:30	1796	1784	1793	1759	1681	1770	1734	1752	1728	1755
85:45	1796	1784	1793	1758	1681	1770	1733	1751	1727	1755
86:00	1795	1783	1792	1758	1682	1769	1732	1751	1726	1754
86:15	1794	1783	1792	1757	1682	1769	1731	1750	1726	1754
86:30	1794	1782	1791	1757	1682	1768	1730	1749	1726	1753
86:45	1793	1782	1791	1756	1682	1768	1729	1748	1725	1753

CONTEGO INTERNATIONAL, INC.
FURNACE TEMPERATURE (°F)

TEST DATE: JANUARY 4, 2005
FILE ID: 004CON2.DAT

SwRI PROJECT NO.: 01.10084.01.705F
TEST TYPE: ASTM E 119 SCREENING

Time (min:sec)										Furnace
	FP 1	FP 2	FP 3	FP 4	FP 5	FP 6	FP 7	FP 8	FP 9	Avg.
87:00	1793	1781	1790	1756	1681	1767	1728	1748	1725	1752
87:15	1792	1781	1790	1755	1682	1767	1727	1747	1725	1752
87:30	1792	1781	1789	1755	1682	1767	1727	1746	1724	1751
87:45	1791	1780	1789	1755	1681	1766	1726	1746	1724	1751
88:00	1790	1780	1788	1754	1682	1765	1726	1745	1723	1750
88:15	1790	1780	1788	1754	1683	1765	1725	1744	1722	1750
88:30	1792	1783	1789	1756	1684	1768	1726	1745	1725	1752
88:45	1797	1791	1794	1763	1687	1776	1730	1750	1732	1758
89:00	1803	1798	1800	1770	1693	1783	1735	1755	1740	1764
89:15	1808	1805	1805	1776	1698	1789	1741	1760	1746	1770
89:30	1812	1809	1809	1781	1701	1793	1746	1764	1750	1774
89:45	1816	1813	1812	1785	1704	1797	1750	1768	1755	1778
90:00	1820	1817	1815	1788	1708	1801	1753	1771	1758	1781
90:15	1822	1819	1818	1791	1711	1803	1757	1774	1761	1784
90:30	1825	1821	1820	1794	1713	1806	1759	1777	1764	1787
90:45	1827	1823	1822	1796	1715	1808	1762	1780	1767	1789
91:00	1829	1825	1824	1798	1717	1810	1764	1782	1769	1791
91:15	1831	1827	1826	1801	1719	1812	1766	1784	1771	1793
91:30	1833	1829	1828	1803	1720	1814	1768	1786	1773	1795
91:45	1835	1830	1830	1804	1723	1816	1770	1788	1775	1797
92:00	1836	1832	1831	1806	1724	1817	1772	1790	1776	1798
92:15	1837	1833	1832	1807	1726	1818	1772	1791	1777	1799
92:30	1838	1833	1833	1808	1728	1819	1773	1793	1779	1801
92:45	1840	1834	1834	1809	1730	1820	1775	1794	1780	1802
93:00	1840	1834	1835	1809	1731	1821	1775	1795	1781	1802
93:15	1841	1833	1836	1810	1733	1822	1776	1796	1782	1803
93:30	1841	1833	1836	1811	1734	1822	1777	1796	1783	1804
93:45	1842	1833	1837	1811	1735	1823	1777	1797	1784	1804
94:00	1839	1829	1835	1808	1734	1819	1774	1795	1780	1801
94:15	1836	1823	1831	1803	1732	1813	1771	1792	1775	1797
94:30	1832	1819	1828	1798	1729	1809	1768	1789	1770	1794
94:45	1829	1816	1825	1795	1728	1806	1765	1786	1767	1791
95:00	1826	1813	1822	1791	1725	1803	1762	1783	1764	1788
95:15	1823	1811	1820	1789	1723	1800	1759	1781	1761	1785
95:30	1821	1809	1817	1786	1721	1798	1757	1778	1758	1783
95:45	1819	1807	1815	1784	1719	1796	1755	1776	1756	1781
96:00	1817	1806	1813	1782	1718	1795	1753	1774	1754	1779
96:15	1815	1805	1812	1781	1717	1793	1752	1772	1752	1778
96:30	1814	1804	1811	1779	1716	1792	1750	1770	1751	1776
96:45	1813	1804	1809	1778	1715	1791	1749	1769	1750	1775
97:00	1812	1803	1808	1777	1713	1791	1748	1768	1749	1774
97:15	1811	1802	1807	1776	1712	1789	1747	1767	1747	1773
97:30	1810	1801	1806	1775	1711	1789	1746	1766	1746	1772
97:45	1809	1800	1805	1774	1710	1788	1745	1765	1745	1771
98:00	1808	1799	1804	1773	1709	1786	1744	1765	1745	1770
98:15	1807	1798	1804	1772	1708	1786	1743	1764	1744	1769
98:30	1809	1803	1806	1776	1709	1790	1744	1765	1747	1772
98:45	1814	1810	1810	1781	1712	1796	1747	1768	1753	1777
99:00	1818	1816	1814	1787	1715	1801	1750	1772	1759	1781
99:15	1823	1821	1818	1791	1718	1805	1755	1776	1763	1786
99:30	1826	1826	1821	1795	1722	1810	1759	1779	1767	1789
99:45	1829	1829	1824	1799	1725	1813	1762	1782	1770	1792
100:00	1832	1833	1827	1803	1726	1818	1765	1786	1774	1796
100:15	1835	1837	1831	1807	1728	1823	1766	1789	1779	1800
100:30	1838	1841	1833	1811	1731	1827	1771	1792	1782	1803
100:45	1840	1845	1836	1814	1734	1830	1774	1796	1786	1806
101:00	1843	1848	1838	1817	1736	1834	1778	1799	1789	1809
101:15	1846	1850	1840	1820	1738	1837	1780	1801	1791	1812

CONTEGO INTERNATIONAL, INC.
FURNACE TEMPERATURE (°F)

TEST DATE: JANUARY 4, 2005
FILE ID: 004CON2.DAT

SwRI PROJECT NO.: 01.10084.01.705F
TEST TYPE: ASTM E 119 SCREENING

Time (min:sec)	FP 1	FP 2	FP 3	FP 4	FP 5	FP 6	FP 7	FP 8	FP 9	Furnace Avg.
101:30	1848	1852	1842	1823	1741	1840	1782	1804	1793	1814
101:45	1849	1854	1844	1824	1743	1842	1784	1805	1796	1816
102:00	1850	1854	1845	1826	1744	1844	1786	1807	1797	1817
102:15	1852	1855	1847	1827	1745	1846	1787	1808	1798	1818
102:30	1853	1855	1848	1828	1746	1847	1788	1809	1798	1819
102:45	1854	1856	1849	1829	1746	1849	1789	1810	1800	1820
103:00	1855	1857	1850	1830	1746	1850	1789	1811	1801	1821
103:15	1856	1858	1851	1831	1747	1851	1791	1813	1802	1822
103:30	1857	1858	1852	1831	1748	1851	1792	1814	1804	1823
103:45	1858	1859	1852	1832	1748	1851	1793	1815	1804	1824
104:00	1858	1859	1853	1832	1749	1852	1793	1815	1805	1824
104:15	1859	1859	1853	1832	1750	1852	1793	1816	1805	1824
104:30	1859	1860	1853	1833	1750	1852	1794	1816	1806	1825
104:45	1827	1823	1818	1797	1726	1807	1779	1792	1771	1793
105:00	1766	1752	1752	1732	1679	1733	1738	1740	1708	1733