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Thermal Trend

Infrared Thermographic Inspection  
Of  
Selected Electro-Mechanical Equipment

Provided For  
Acme Paper Mill  
3/9/2003

**Summary:**

An Infrared Electrical / Mechanical inspection was preformed on 3/9/2003 for Acme Paper Mill

All of the items inspected are listed in the inventory section of this Thermal Trend report. Any anomalies that were found at the time of the inspection (if any) are documented in the Problem Detail section of this report with there appropriate associated data, i.e. Thermograms, Photos, comments, measurements, etc.. And are also listed in the Prioritized list of problems section, in there order of priority based on the components temperature rise, as compared to a similar reference component of equal type, loading, and environmental influences, at the time of the inspection. The final decision as to the repair priority of any and all problems in this report rests on the owners, management, facilities engineering team. The IR Thermographer assumes no liability directly or indirectly as a result of this inspection or the decisions made as to establishing the priority and timeline of repair decisions made by the owners, management, facilities engineering team.

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Executive Overview:

# of locations in the database:	412
# of pieces of equipment in the database:	1545
# of problems (open and closed covering all inspections)	
all acute and chronic:	604
all acute:	471
all chronic:	131
# of problems, acute and chronic	
all closed (covering all inspections):	453
all open (tested or not tested in this inspection):	151

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I herby certify that the above project was inspected by myself or under my direction and that the enclosed data is the direct result of this inspection.

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### Reconciliation Matrix

**Site:** Acme Paper Mill

**Database:** Acme Paper Mill.mdb

	Insp#19	Insp#18	Insp#17	Insp#16	Insp#15
# of Locations that were tested	307	226	2	320	286
# of Locations that were not-tested	105	186	410	92	126
# of pieces of equipment that were tested	839	794	5	1028	892
# of pieces of equipment that were not-tested	706	751	1540	517	653
Total # of all open problems (tested or not) acute & chronic	155	117	73	97	137
# of open acute & chronic problems documented	115	65	0	72	130
# of open acute & chronic problems not tested	491	541	606	534	476
# of problems closed	38	0	25	80	32



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### Thermal Problem Details Report

Site: Acme Paper Mill

Database: Acme Paper Mill.mdb

Location: PULP MILL \ DFS1 \ MCC DD-3

Equipment DD3-4, CHIP SCREEN AREA MAIN DISC.

Voltage 480

Barcode: 101RGM

Rated Load 90 Amps

Asset ID:

GPS:

Problem Status OPEN Severity Code 1

Inspection # 19	Problem # 62
Problem Date/Time 3/10/2003 2:18:17 PM	
Indirect Temp. Measureme No	
Component Temp 275 @ 72%	
Reference Temp 100 @ 72%	
Temp Rise 175 @ 72%	

IR Image File TH720062.SIT

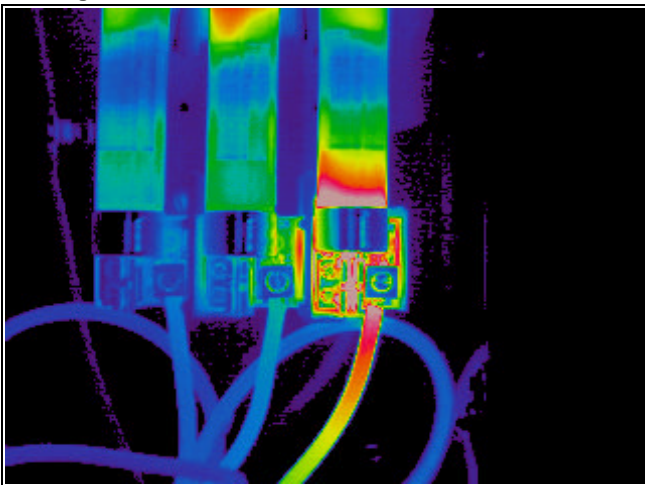


Photo File: 62.jpg

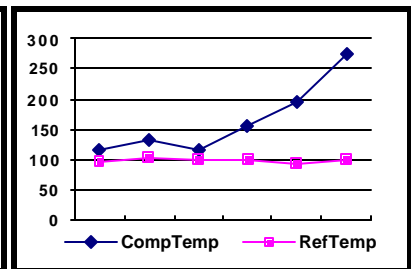


Component: C phase load side wire lug/fuse clip connection on fused disconnect switch.

Probable Cause Loose or corroded connection

Recommendation Clean inspected and retorqued wire lug and retension fuse clip

Insp #	Prob #	Date	Comp Temp	Ref. Temp	Temp Rise	Sev. Code	Load	%Load	Wind Spd.	Amb. Temp
19	62	3/10/2003	275	100	175	1	65	72%		74
18	48	10/7/2002	195	96	99	1	60	67%		74
16	25	8/30/2002	155	100	55	2	62	69%		74
15	10	8/30/2002	133	105	28	3	68	76%		74
14	34	8/30/2002	116	100	16	4	60	67%		74
10	1	8/30/2002	116	98	18	4	45	50%		60



Problem Status:  Not repaired  Repair made, but needs IR recheck  Closed

Repair assigned to: \_\_\_\_\_ Repair target date: \_\_\_\_\_

Repair assigned by: \_\_\_\_\_ Date: \_\_\_\_\_

Repaired by: \_\_\_\_\_ Date: \_\_\_\_\_

Type of defect found: \_\_\_\_\_

Corrective action taken: \_\_\_\_\_



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Prioritized List by Temperature Rise

Site: Acme Paper Mill

Database Acme Paper Mill.mdb

Inspection # 19

Problem # 75 Barcode: 100JZS Temp. Rise 300

% Load: N/A

Location: AFL (FIBERLINE) \ MCC ROOM \ VFD QQQ4

Temp Phase Load

Equipment QQQ4-8 THIRD CHIP PUMP

Component 440 LEFT

Component Front left bolted connection on line reactor.

Reference 140 N/A

Ambient 76

Wind Speed

Rat. Load:

Picture 75.jpg

Severity Code

IR Filename TH720075.SIT

Problem # 62 Barcode: 101RGM Temp. Rise 175

% Load: 72%

Location: PULP MILL \ DFS1 \ MCC DD-3

Temp Phase Load

Equipment DD3-4, CHIP SCREEN AREA MAIN DISC.

Component 275 C Phase 65

Component C phase line side wire lug/crimp connection on circuit breaker. Also check B phase.

Reference 100 A Phase 65

Ambient 74

Wind Speed

Rat. Load: 90

Picture 62.jpg

Severity Code 1

IR Filename TH720062.SIT

Problem # 104 Barcode: 102688 Temp. Rise 155

% Load: 50%

Location: OFF SITE \ RIVER PUMPS \ SUB W CINDER BLOCK HOUSE \ SILO PUMPS MCC W4

Temp Phase Load

Equipment W4-7 NORTH BARGE PUMP SOFTSTART

Component 250 C Phase 200

Component C phase load side wire lug connection or internal problem in "MB MAG" (bottom) contactor.

Reference 95 A Phase 200

Ambient 68

Wind Speed

Rat. Load: 400

Picture 104.JPG

Severity Code

IR Filename TT720028.SIT

Problem # 72 Barcode: Temp. Rise 151

% Load: N/A

Location: COGENERATION \ HSRG

Temp Phase Load

Equipment NORTH SIDE OF HRSG

Component 266 N/A

Component HSRG HEATING ON WEST END BETWEEN 2ND & 3RD COLUMNS EAST FROM WEST.

Reference 115 N/A

Ambient 58

Wind Speed 0

Rat. Load:

Picture 72.JPG

Severity Code

IR Filename Th720072.BMP





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### Before Verses After Thermal Details Report

Site: Acme Paper Mill

Database: AcmePaperMill.mdb

Location: 1st FLOOR \ MCC B, F, H, I RM

Equipment: DIST PNL MD-B1

Voltage: 480

Barcode: 104LKA

Rated Load: 200 Amps

Asset ID:

GPS:

Problem Status CLOSED 😊 Severity Code: 0

Inspection # 19

Problem # 1

Problem Date/Time: 9/8/2003 7:18:01 AM

Indirect Temp. Measurement: No

Component Temp: 78 @ 24%

Reference Temp: 78 @ 24%

Temp Rise: 0 @ 24%

#### Before:

IR Image File: AAAA0001.sit

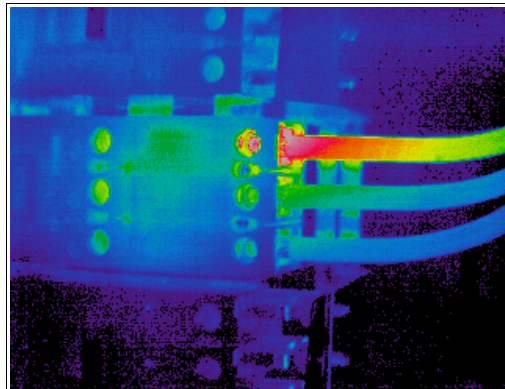


Photo File: IMG\_1456.JPG



#### After:

IR Image File: AAAA0005.sit

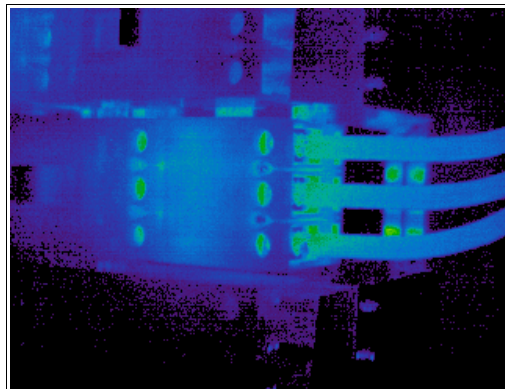


Photo File: IMG\_1456.JPG

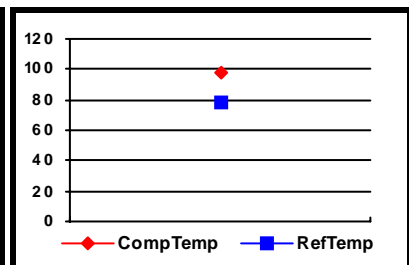


Component: A (top) phase load side wire lug connection on circuit breaker for PANEL PDP-1

Type of Defect:

Action Taken:

Instances Subreport										
Insp #	Prob #	Date	Comp Temp	Ref. Temp	Temp Rise	Sev. Code	Load	%Load	Wind Spd.	Amb. Temp
1	1	9/8/2003	98	78	20	4	47	23%		70



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### Corona Problem Details Report

Site: Power Company #1

Database: UVInsp.mdb

Location: Transmission Line 2 \ Tower 896

Equipment: East Circuit #1

Problem Status: OPEN Severity:0

Inspection # 2	Problem # 1
Problem Date/Time: 2/4/2004 3:31:58 PM	
Count: 1800 @ a Gain of: 250	

GPS: Lat:33.30945409 Long:-111.669

Barcode:

AssetID:

Voltage: 250 KV

Rated Load: 250 Amps

Ambient Temp: 75

Humidity: 65 %

Photo File: 1Pic1.jpg

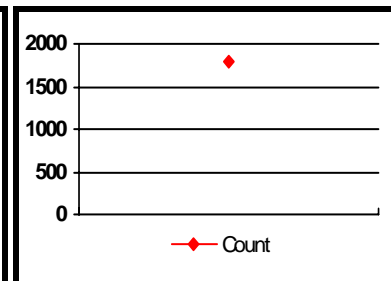


**Component:** Center phase west end of tower line insulator is showing corona in the center of the insulator.

**Probable Cause:** Cracked insulator bell

**Recommendation:** replace insulator

Instances Subreport										
Insp #	Prob #	Date	Count	Gain	Sev. Code	Load	%Load	Wind Spd.	Amb. Temp	Humid.
2	1	2/4/2004	1800	250	0	125	50%	2	75	65



Problem Status:  Not repaired  Repair made, but needs IR recheck  Closed

Repair assigned to: \_\_\_\_\_ Repair target date: \_\_\_\_\_

Repair assigned by: \_\_\_\_\_ Date: \_\_\_\_\_

Repaired by: \_\_\_\_\_ Date: \_\_\_\_\_

Type of defect found: \_\_\_\_\_

Corrective action taken: \_\_\_\_\_



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### Prioritized List by Severity Code

<b>Site:</b> Power Company #1	<b>Inspection #:</b> 2
<b>Database:</b> UVInsp.mdb	<b>Date/Time:</b> 2/4/2004 3:31:58 PM
<b>Location:</b> Transmission Line 2 \ Tower 896	<b>Problem #:</b> 1
<b>Equipment:</b> East Circuit #1	<b>Severity Code:</b> 0
<b>Component:</b> Center phase west end of tower line insulator is showing corona in the center of the insulator.	<b>Count:</b> 1800 @ <b>Gain:</b> 250
<b>Picture:</b> 1Pic1.jpg	<b>Humidity:</b> 65 %
<b>Load:</b> 125 <b>Rat. Load:</b> 250 <b>% Load:</b> 50% <b>Voltage:</b> 13.5kv KV	<b>Ambient:</b> 75
<b>Barcode:</b> <b>GPS:</b> Lat:33.30945409 Long:-111.6690126	<b>Wind Speed:</b> 2
<b>AssetID:</b>	
<b>Location:</b> Transmission Line 3 \ Tower 2332	<b>Date/Time:</b> 2/6/2004 9:37:37 AM
<b>Equipment:</b> Circuit 7	<b>Problem #:</b> 5
<b>Component:</b> Bottom phase insulator show corona near line end of insulator.	<b>Severity Code:</b> 0
<b>Picture:</b> corona7.jpg	<b>Count:</b> 1550 @ <b>Gain:</b> 260
<b>Load:</b> <b>Rat. Load:</b> <b>% Load:</b> N/A <b>Voltage:</b> 230K V KV	<b>Humidity:</b> 70 %
<b>Barcode:</b> <b>GPS:</b> Lat:33.31045409 Long:-111.7790126	<b>Ambient:</b> 68
<b>AssetID:</b>	<b>Wind Speed:</b> 1
<b>Location:</b> Lakeland Substation \ Getaway Tower 2232	<b>Date/Time:</b> 2/6/2004 9:18:45 AM
<b>Equipment:</b> Circuit 1	<b>Problem #:</b> 3
<b>Component:</b> Center phase insulator is showings signs of corona near the mounting base.	<b>Severity Code:</b> 2
<b>Picture:</b> corona2.jpg	<b>Count:</b> 1500 @ <b>Gain:</b> 200
<b>Load:</b> 350 <b>Rat. Load:</b> 600 <b>% Load:</b> 58% <b>Voltage:</b> 13.8 KV KV	<b>Humidity:</b> 20 %
<b>Barcode:</b> <b>GPS:</b>	<b>Ambient:</b> 72
<b>AssetID:</b>	<b>Wind Speed:</b> -1
<b>Location:</b> Lakeland Substation	<b>Date/Time:</b> 2/6/2004 9:22:11 AM
<b>Equipment:</b> SF6 Breaker 3415	<b>Problem #:</b> 4
<b>Component:</b> East phase bus side bushing showing corona near the screw on cap.	<b>Severity Code:</b> 2
<b>Picture:</b> corona..jpg	<b>Count:</b> 1000 @ <b>Gain:</b> 225
<b>Load:</b> 175 <b>Rat. Load:</b> 600 <b>% Load:</b> 29% <b>Voltage:</b> 115 KV KV	<b>Humidity:</b> 0 %
<b>Barcode:</b> <b>GPS:</b>	<b>Ambient:</b> 72
<b>AssetID:</b>	<b>Wind Speed:</b> 0



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### Visual Problem Details Report

Site: Acme Paper Mill

Database: Acme Paper Mill.mdb

Location: SECONDARY FIBER \ SF4 MCC RM

Problem Status OPEN



Severity Code 3

Equipment LTG CONTACTOR LP ZZ3-IR CIRC #36

Inspection # 19

Problem # 3

Problem Date/Time

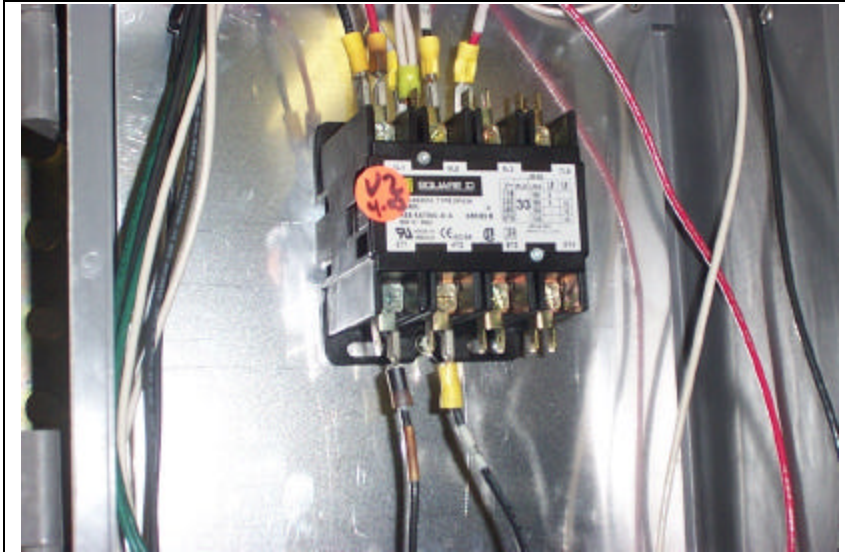
4/1/2003 10:19:39 AM

Barcode: 103HNL

Asset ID:

GPS:

Photo File v2a.jpg



**Component** Left phase line & load side crimp connections are burnt & discolored (#36), not running at time of inspection.

**Probable Cause** Bad crimp connections

**Recommendation** Replace crimp connections.

Instances Subreport			
Inspection	Problem Number	Date	Sev. Code
19	3	4/1/2003	3

Problem Status:  Not repaired  Repair made, but needs IR recheck  Closed

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Repair assigned to: \_\_\_\_\_ Repair target date: \_\_\_\_\_

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Repair assigned by: \_\_\_\_\_ Date: \_\_\_\_\_

---

Repaired by: \_\_\_\_\_ Date: \_\_\_\_\_

---

Type of defect found: \_\_\_\_\_

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Corrective action taken: \_\_\_\_\_

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### Visual Problem List

**Site:** Acme Paper Mill

**Inspection #** 19

**Database** Acme Paper Mill.mdb

**Problem #** 3                      **Barcode:** 103HNL

**Severity Code** 3

**Location:**

**Equipment** LTG CONTACTOR LP ZZ3-IR CIRC #36

**Component** Left phase line & load side crimp connections are burnt & discolored (#36), not running at time of inspection.

**Picture:** v2a.jpg

---

**Problem #** 1                      **Barcode:**

**Severity Code** 1

**Location:**

**Equipment** 480V BREAKER SECTION

**Component** Holes in top of cabinet for cables not properly attached @ strain relief (no strain relief).

**Picture:** v1.jpg

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**Problem #** 5                      **Barcode:** 1026CD

**Severity Code** 4

**Location:**

**Equipment** TRUCK DUMP SUMP PUMP STARTER BOX

**Component** Yellow jacket nest inside enclosure.

**Picture:** v7.jpg

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**Problem #** 4                      **Barcode:** 1026CE

**Severity Code** 2

**Location:**

**Equipment** TRUCK DUMP LTG XFMR DISCONNECT

**Component** Disconnect has come loose from mounting and is hanging by conduit.

**Picture:** v5.jpg

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### Roof Problem Details Report

Site: Acme Paper Mill

Database: AcmePaperMill.mdb

Location: B WING

ROOF

Relative Moisture 65%

GPS:

Problem Status OPEN Severity Code 1

Inspection # 1	Problem # 1
Problem Date/Time 10/21/2003 3:15:36 AM	
Area Length 5	
Area Width 3	
Total Area 15	

IR Image File WET2.BMP

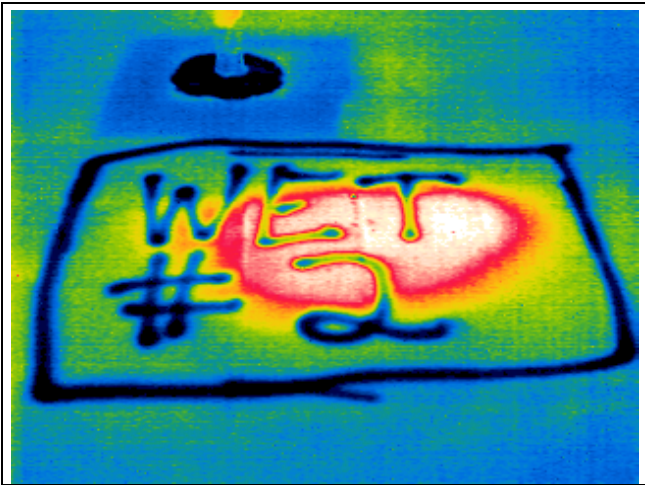


Photo File: wet2.JPG



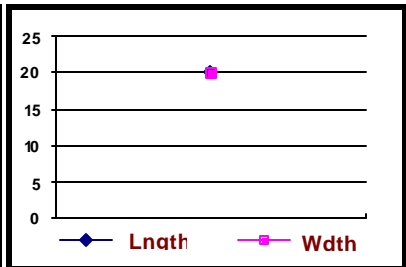
**Component** Northwest end of roof. IR taken at night, photo taken the next day.

**Note** Core cut taken Insulation is 1/2" fiberboard, 3" of fiberglass on wood decking.

**Probable Cause** Wet Insulation caused by moisture intrusion

**Recommendation** Remove wet insulation

Instances Subreport						
Insp #	Prob #	Date	Lngh	Wdth	Affected Area	Sev. Code
1	1	10/21/2003	5	3	15	1



Problem Status:  Not repaired  Repair made, but needs IR recheck  Closed

Repair assigned to: \_\_\_\_\_ Repair target date: \_\_\_\_\_

Repair assigned by: \_\_\_\_\_ Date: \_\_\_\_\_

Repaired by: \_\_\_\_\_ Date: \_\_\_\_\_

Type of defect found: \_\_\_\_\_

Corrective action taken: \_\_\_\_\_



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### Baseline Details Report

Site: Acme Saw Mill

Database: BASELINE DEMO MDB.mdb

Location: RESAW AREA

Equipment RESAW MOTOR #2

Voltage

Barcode:

Rated Load           Amps

Asset ID:

GPS:

Inspection # 5	Item # 1
Problem DateTime: 10/9/2003 4:22:57 PM	
Indirect Temp. Measurement No	
Component Temp: 300 @ N/A	
Reference Temp: 175 @ N/A	
<b>Temp Rise 125 @ N/A</b>	

IR Image File TGH10020.SIT

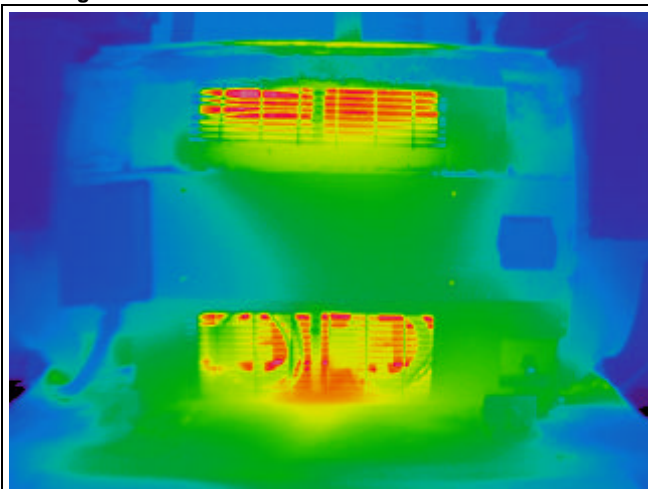


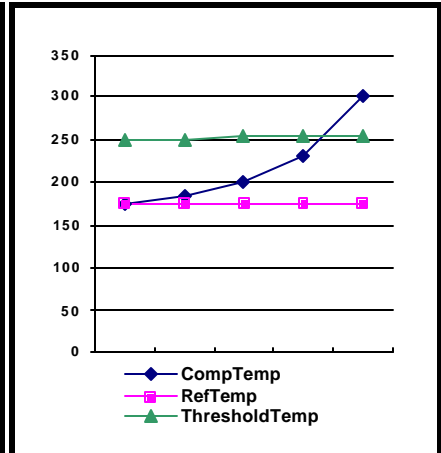
Photo File: b2.JPG



Component MOTOR BASELINE TAKEN FROM EAST SIDE

**Instances Subreport**

Insp #	Prob #	Date	Comp Temp	Ref. Temp	Temp Rise	Load	%Load	Wind Spd.	Amb. Temp.	Thresh Temp
5	1	10/9/2003	300	175	125	N/A	N/A	0	80	255
4	1	10/9/2003	230	175	55	N/A	N/A	0	80	255
3	5	10/9/2003	200	175	25	N/A	N/A	0	80	255
2	5	10/9/2003	185	175	10	N/A	N/A	0	82	250
1	1	10/9/2003	175	175	0	N/A	N/A	0	80	250



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### Baseline List by Temperature Rise

Site: Acme Paper Mill

Database Acme Paper Mill.mdb

Inspection # 19

<b>Problem #:</b> 1	<b>Barcode:</b> 103HNV	<b>Temp. Rise</b> 40	<b>% Load:</b> N/A	<b>Temp</b>	<b>Phase</b>	<b>Load</b>
<b>Location:</b> PAPER MILL \ #2 #3 PM WET END BASEMENT			<b>Component</b>	165	N/A	
<b>Equipment</b> #3 PM BOTTOM LINER FAN PUMP			<b>Reference</b>	125	N/A	
<b>Component</b> Inboard Bearing			<b>Threshold</b>	225		
			<b>Ambient</b>	100		
			<b>Wind Speed</b>			
			<b>Rat. Load:</b>			

Picture: B1.jpg

IR Filename Th720014.sit

<b>Problem #:</b> 5	<b>Barcode:</b> 103HNV	<b>Temp. Rise</b> 35	<b>% Load:</b> N/A	<b>Temp</b>	<b>Phase</b>	<b>Load</b>
<b>Location:</b> PAPER MILL \ #2 #3 PM WET END BASEMENT			<b>Component</b>	180	N/A	
<b>Equipment</b> #3 PM TOP LINER FAN PUMP			<b>Reference</b>	145	N/A	
<b>Component</b> Inboard Bearing			<b>Threshold</b>	225		
			<b>Ambient</b>	100		
			<b>Wind Speed</b>			
			<b>Rat. Load:</b>			

Picture: 5.jpg

IR Filename TH720019.sit

<b>Problem #:</b> 3	<b>Barcode:</b> 103HNV	<b>Temp. Rise</b> 24	<b>% Load:</b> N/A	<b>Temp</b>	<b>Phase</b>	<b>Load</b>
<b>Location:</b> PAPER MILL \ #2 #3 PM WET END BASEMENT			<b>Component</b>	199	N/A	
<b>Equipment</b> #3 PM BOTTOM LINER FAN PUMP			<b>Reference</b>	175	N/A	
<b>Component</b> Motor Case			<b>Threshold</b>	285		
			<b>Ambient</b>	100		
			<b>Wind Speed</b>			
			<b>Rat. Load:</b>			

Picture: 3.jpg

IR Filename TH720018.sit

<b>Problem #:</b> 2	<b>Barcode:</b> 103HNV	<b>Temp. Rise</b> 20	<b>% Load:</b> N/A	<b>Temp</b>	<b>Phase</b>	<b>Load</b>
<b>Location:</b> PAPER MILL \ #2 #3 PM WET END BASEMENT			<b>Component</b>	145	N/A	
<b>Equipment</b> #3 PM BOTTOM LINER FAN PUMP			<b>Reference</b>	125	N/A	
<b>Component</b> Outboard Bearing			<b>Threshold</b>	225		
			<b>Ambient</b>	100		
			<b>Wind Speed</b>			
			<b>Rat. Load:</b>			

Picture: B2.jpg

IR Filename Th720015.sit





### Historical Test Status Matrix

Site: Acme Paper Mill

Database Acme Paper Mill.mdb

Location \ Equipment	Insp#19	Insp#18	Insp#17	Insp#16	Insp#15
	3/9/2003	9/9/2002	7/24/2002	2/20/2002	8/13/2001
	*Open Status Prob	*Open Status Prob	*Open Status Prob	*Open Status Prob	*Open Status Prob
CTRL SECTION (ABOVE STARTER	Tested	Tested	Not Tested	Tested	Tested
HV5,#2 PM 4 REFINER (CTRL SEC	* Tested	Not Tested	Not Tested	Tested	Tested
COMPUTER XFER SWITCH FOR OFFICE	Tested	Tested	Not Tested	Tested	Tested
DAF POLYMER AF DRIVE CAB	Tested	Tested	Not Tested	Not Tested	Not Tested
DAF POLYMER PLC	Tested	Tested	Not Tested	Not Tested	Not Tested
GENIUS BLOCKS G5A-G6A	Tested	Tested	Not Tested	Tested	Tested
ICP5F FED FROM 1-2 8L	Tested	Tested	Not Tested	Tested	Tested
LAB FEED XFER	Tested	Tested	Not Tested	Tested	Tested
MAIN OFFICE FEED XFER SWITCH	Tested	Tested	Not Tested	Tested	* Tested
MCC B1	Tested	Tested	Not Tested	Tested	Tested
B1-14, #2PM FALSE CEILING ROO	Tested	Tested	Not Tested	Tested	* Tested
B1-9, #2 SF SURGE CHST AGIT	Tested	Tested	Not Tested	Tested	Not Tested
MCC F1	Tested	Tested	Not Tested	Tested	Tested
MCC H1	Tested	Tested	Not Tested	Tested	Tested
H1-14, CLEAR WW TO CLOUDY W	Tested	Tested	Not Tested	Tested	* Tested
H1-5R, NORTH STARCH COOKER	Tested	Tested	Not Tested	Tested	Not Tested
H1-6, #2 PM LSFSC PUMP	* Not Tested	* Tested	Not Tested	Not Tested	Not Tested
H1-8, STARCH SLURRY TANK AGI	* Tested	Not Tested	Not Tested	Not Tested	Not Tested
H1-9L, LTG XFMR H1 FEED	* Tested	Not Tested	Not Tested	Not Tested	Not Tested
MCC H-2	Tested	Tested	Not Tested	Tested	Tested
H2-1, EAST COUCH PIT AGIT #2 P	Tested	* Tested	Not Tested	Not Tested	Not Tested
H2-9, #2 S.F. SURGE CHEST TO 2	* Tested	Tested	Not Tested	Tested	Tested
MCC H3	Tested	Tested	Not Tested	Tested	Tested
H3-2R, # 2 PM PLC ALT PWR	* Tested	* Tested	* Not Tested	* Tested	* Tested
MCC- I-1	Tested	Tested	Not Tested	Tested	Tested
10, #2 PM TOP LINER M.C. TO #3 &	* Tested	Tested	Not Tested	Tested	Tested
13,COUCH PIT AGIT W.	* Tested	Tested	Not Tested	* Tested	Tested
I.1-9 #2 TOP LINER SCREEN	Tested	Tested	Not Tested	Tested	* Tested
I1-7, TOP LINER MACH CHEST	Tested	* Tested	* Not Tested	* Tested	Tested
MCC- I-2	Tested	Tested	Not Tested	Tested	Tested
11, #1 HD SURGE CHEST TO #2 P	* Tested	Not Tested	Not Tested	Not Tested	Not Tested
12L, 2 PM # 3 SPROUT EXCITER	Tested	Tested	Not Tested	Tested	* Tested
INCOMING LINES	Tested	Tested	Not Tested	Tested	Tested
MCC Z2	Tested	Tested	Not Tested	Tested	Tested
16, SLICE WARMING PUMP	* Tested	Not Tested	Not Tested	Not Tested	Not Tested
5, MAN COOLING NO.1 FAN NORT	Tested	* Not Tested	* Not Tested	* Not Tested	* Tested
9, BOTTOM LINER CHEST	Tested	Tested	Not Tested	Tested	Tested
MR 10 AC DISCONNECT (OUTSIDE OF R	Not Tested	Tested	Not Tested	Tested	Tested
NEW FORMANS OFFICE XFR SWITCH	Tested	Tested	Not Tested	Not Tested	Not Tested
PNL 1CP4F (S'6' PWR FOR # 2 PM PLC)	Not Tested	Tested	Not Tested	Tested	Tested
PNL 1CP4F-A	Not Tested	Tested	Not Tested	Not Tested	Not Tested
PNL 1CP5F	Not Tested	Tested	Not Tested	Tested	Tested
STRONG ACID F1-1R, B1-16B XFER	Tested	Tested	Not Tested	Tested	Tested





### Inventory Report

Site: Acme Paper Mill

Inspection # 19

Database Acme Paper Mill.mdb

Open Problem	Status	Barcode	Location \ Equipment
No	Tested		CTRL SECTION (ABOVE STARTERS) ONLY
Yes	Tested	10266V	HV5,#2 PM 4 REFINER (CTRL SECTION)
No	Tested	10266B	COMPUTER XFER SWITCH FOR OFFICE
No	Tested	100JXW	DAF POLYMER AF DRIVE CAB
No	Tested	100JXX	DAF POLYMER PLC
No	Tested	102HWM	GENIUS BLOCKS G5A-G6A
No	Tested	10266D	ICP5F FED FROM 1-2 8L
No	Tested	10266G	LAB FEED XFER
No	Tested	10266F	MAIN OFFICE FEED XFER SWITCH
No	Tested	100LNR	MCC B1
No	Tested	10266A	B1-14, #2PM FALSE CEILING ROOF SWEEP
No	Tested	102HVK	B1-9, #2 SF SURGE CHST AGIT
No	Tested	100LNP	MCC F1
No	Tested	100LNQ	MCC H1
No	Tested	102669	H1-14, CLEAR WW TO CLOUDY WW
No	Tested	102HWH	H1-5R, NORTH STARCH COOKER
Yes	Not Tested	102HWJ	H1-6, #2 PM LSFSC PUMP
Yes	Tested	103HM1	H1-8, STARCH SLURRY TANK AGIT
Yes	Tested	103HM0	H1-9L, LTG XFMR H1 FEED
No	Tested	100LNS	MCC H-2
No	Tested	100JXU	H2-1, EAST COUCH PIT AGIT #2 PM
Yes	Tested	102HWL	H2-9, #2 S.F. SURGE CHEST TO 2 PM FILLER CHEST PMP
No	Tested	100LNN	MCC H3
Yes	Tested	10266K	H3-2R, # 2 PM PLC ALT PWR
No	Tested	100LNK	MCC- I-1
Yes	Tested		10, #2 PM TOP LINER M.C. TO #3 & 4 REFINER
Yes	Tested	102HWP	13,COUCH PIT AGIT W.
No	Tested	101REA	I.1-9 #2 TOP LINER SCREEN
No	Tested	102HWN	I1-7, TOP LINER MACH CHEST
No	Tested	100LNL	MCC- I-2
Yes	Tested	1038MN	11, #1 HD SURGE CHEST TO #2 PM TOP LINER MACH. CHEST
No	Tested	10266Q	12L, 2 PM # 3 SPROUT EXCITER
No	Tested		INCOMING LINES
No	Tested	100LNM	MCC Z2
Yes	Tested	103HLZ	16, SLICE WARMING PUMP
No	Tested	10266L	5, MAN COOLING NO.1 FAN NORTH
No	Tested		9, BOTTOM LINER CHEST
No	Not Tested	10266M	MR 10 AC DISCONNECT (OUTSIDE OF RM)
No	Tested	100JXT	NEW FORMANS OFFICE XFR SWITCH
No	Not Tested	10266W	PNL 1CP4F (S'6' PWR FOR # 2 PM PLC)
No	Not Tested	100JXY	PNL 1CP4F-A
No	Not Tested	100LNT	PNL 1CP5F
No	Tested	10266E	STRONG ACID F1-1R, B1-16B XFER





Aged Problem Report - Open Only As of 6/13/2006

Site: Acme Paper Mill
Database: Acme Demo.mdb

Inspection # 3

Problem Status: Open
Most Recent Problem #: 13
Number of days open: 1616
BarCode
AssetID:
Location: LINES DRIVEN/ POLES/ XFMRS \ OTHER POLES
Equipment Pole 04555 (Basalt & Chamberlain)
Component EAST phase source side connection to cut-out.

Historical Sub Report

Table with 10 columns: Insp., Date, Time, Item#, Comp T, Ref T, Delta T, Amb T, Repair Status, # of Days between actions. Row 1: 3, 1/9/2002, 09:31, 13, 54, 29, 25, 28, Pending, 0. Total Days: 1616.

Problem Status: Open
Most Recent Problem #: 18
Number of days open: 1287
BarCode
AssetID:
Location: Paper Town \ YORK RD SUBSTATION \ SUB EQUIP
Equipment OCB #4B1-14
Component East phase source side jaw end connection on switch

Historical Sub Report

Table with 10 columns: Insp., Date, Time, Item#, Comp T, Ref T, Delta T, Amb T, Repair Status, # of Days between actions. Rows 1-3: 4, 12/4/2002, 07:39, 6, 79, 41, 38, 34, Pending, 0; 5, 12/15/2003, 09:59, 3, 41, 24, 17, 19, Pending, 376; 6, 12/14/2004, 14:14, 18, 174, 55, 119, 40, Pending, 365. Total Days: 1287.

Problem Status: Open
Most Recent Problem #: 11
Number of days open: 1287
BarCode
AssetID:
Location: LINES DRIVEN/ POLES/ XFMRS \ OTHER POLES
Equipment POLE #04636 (MEMORIAL DRIVE)
Component East phase load side hot line clamp connection.

Historical Sub Report

Table with 10 columns: Insp., Date, Time, Item#, Comp T, Ref T, Delta T, Amb T, Repair Status, # of Days between actions. Row 1: 4, 12/4/2002, 10:47, 11, 114, 41, 73, 38, Pending, 0. Total Days: 1287.





YOUR LOGO




Thermal Trend

### Aged Problem Report - All (Closed and Open) As of 6/13/2006

Site: Acme Paper Mill

Database Acme Demo.mdb

Inspection # 6

Problem Status: Closed  Most Recent Problem #: 9 Number of days open: 740



BarCode AssetID:


Location: AREA PLANTS \ LOWER PLANT (OLD)

Equipment PAD MOUNT XFMR 8161 (OUTSIDE)

Component Center phase internal contacts in left side elbow from out of plant and right side elbow from xfmr 4T110.

#### Historical Sub Report

Insp.	Date	Time	Item#	Comp T	Ref T	Delta T	Amb T	Repair Status	# of Days between actions
4	12/4/2002	09:12	9	101	61	40	32	 Pending	0
6	12/13/2004	13:45	0	-1	-1	0	-1	 Succesfull	740
<b>Total Days</b>									<b>740</b>

Problem Status: Closed  Most Recent Problem #: 1 Number of days open: 714





BarCode AssetID:

Location: Paper Town \ MILLIGAN RD SUBSTATION

Equipment OCB #4B6-3

Component East phase load side 4-bolt paddle connection from OCB 4B6-3.

#### Historical Sub Report

Insp.	Date	Time	Item#	Comp T	Ref T	Delta T	Amb T	Repair Status	# of Days between actions
2	12/31/2001	14:26	9	95	26	69	25	 Pending	0
3	1/8/2002	08:35	6	72	25	47	28	 Pending	8
4	12/3/2002	12:14	1	77	51	26	46	 Pending	329
5	12/15/2003	13:45	0	-1	-1	0	-1	 Succesfull	377
<b>Total Days</b>									<b>714</b>



Professional Thermographers Association

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