

# RTSI Reliability Testing Services, Inc.

P.O. Box 365 Genoa, AR 71840

Ph. (870) 653-6838

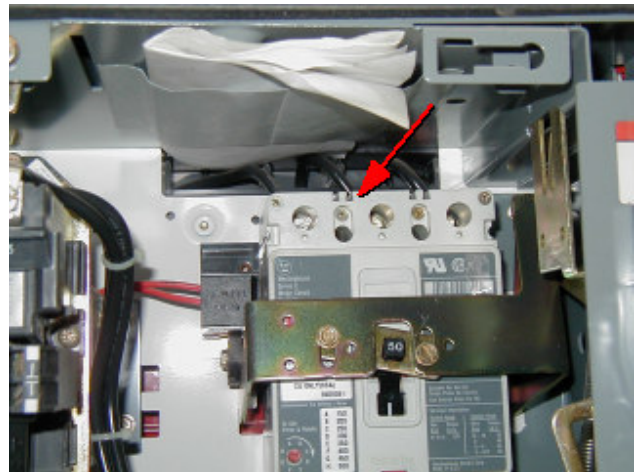
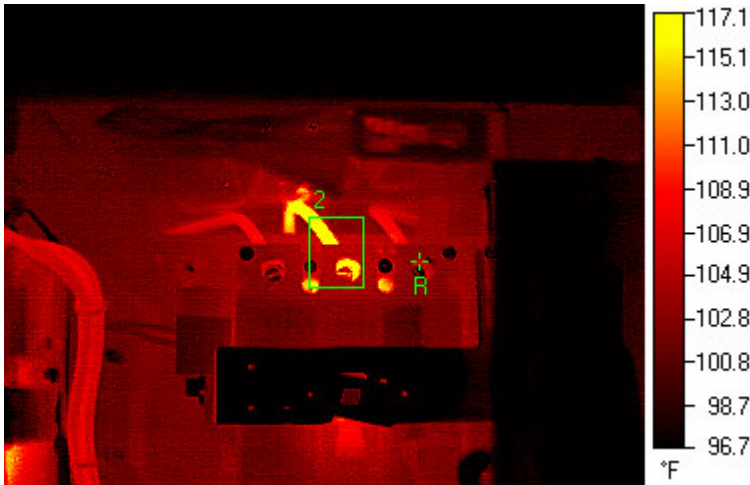
Specializing in Predictive Testing

## Thermographic Report

Report Date: 12/03/2004

<b>Area:</b> Press	<b>Bucket #:</b> C2-3/03A
<b>MCC:</b>	<b>Equipment Name:</b> Negative Air Stacker Feeder Blower
<b>Equipment #:</b>	<b>Severity:</b> 2

TH710004.SIT • 11/30/2004 • 9:02 AM



	Ref.	Rect2
Emiss.	0.9	0.9
Avg		114.9 °F
Min		103.2 °F
Max	112.6 °F	136.4 °F
<b>Delta</b>		<b>23.8 °F</b>

**Problem:** Phase 2 is heating at line side of breaker.

**Suggested Repair:** Clean, lube, and tighten connections. Remove all oxides from wiring and components.

**Repair Comments:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Severity Key (in degrees F): 0-20=1 21-50=2 51-100=3 >100=4**

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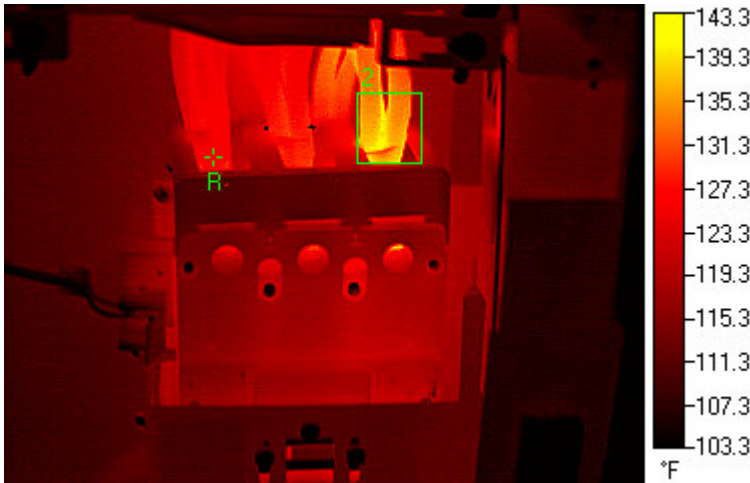
Specializing in Predictive Testing

## Thermographic Report

Report Date: 12/03/2004

<b>Area:</b> Press	<b>Bucket #:</b> C1-2/03F
<b>MCC:</b>	<b>Equipment Name:</b> LP Pump No. 1
<b>Equipment #:</b>	<b>Severity:</b> 1

TH710005.SIT • 11/30/2004 • 9:13 AM



	Ref.	Rect2
Emiss.	0.9	0.9
Avg		140.0 °F
Min		123.7 °F
Max	134.4 °F	150.3 °F
<b>Delta</b>		<b>15.9 °F</b>

**Problem:** Phase 3 is heating at line side of breaker.

**Suggested Repair:** Clean, lube, and tighten connections. Remove all oxides from wiring and components.

**Repair Comments:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Severity Key (in degrees F): 0-20=1 21-50=2 51-100=3 >100=4**

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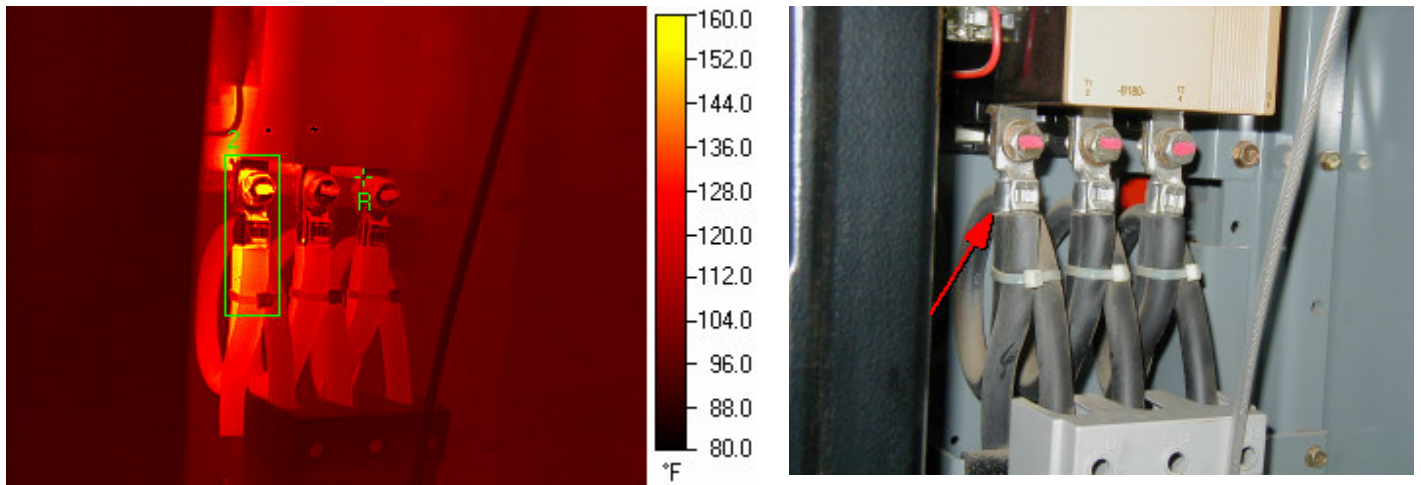
Specializing in Predictive Testing

## Thermographic Report

Report Date: 12/03/2004

<b>Area:</b> Forming	<b>Bucket #:</b> C2-2/13A
<b>MCC:</b>	<b>Equipment Name:</b> Pneu. System E Main Blower
<b>Equipment #:</b>	<b>Severity:</b> 3

TH710006.SIT • 11/30/2004 • 10:26 AM



	Ref.	Rect2
Emiss.	0.9	0.9
Avg		130.2 °F
Min		104.2 °F
Max	108.8 °F	174.3 °F
<b>Delta</b>		<b>65.5 °F</b>

**Problem:** Phase 1 is heating at load side of bottom contactor at rear wire.

**Suggested Repair:** Clean, lube, and tighten connections. Remove all oxides from wiring and components.

**Repair Comments:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Severity Key (in degrees F): 0-20=1 21-50=2 51-100=3 >100=4**

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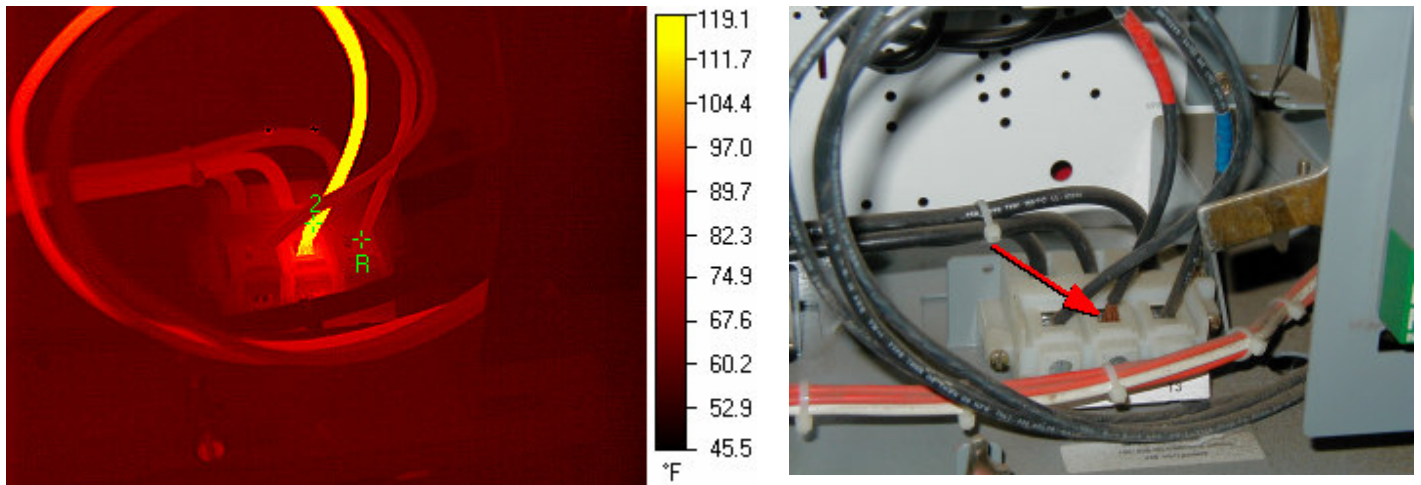
Specializing in Predictive Testing

## Thermographic Report

Report Date: 12/03/2004

<b>Area:</b> Dryers	<b>Bucket #:</b> B3-3/10I
<b>MCC:</b>	<b>Equipment Name:</b> Gasifier Combustion Fan No. 1
<b>Equipment #:</b>	<b>Severity:</b> 2

TH710007.SIT • 11/30/2004 • 11:01 AM



	Ref.	Point2
Emiss.	0.9	0.9
Avg		
Min		
Max	79.2 °F	129.3 °F
<b>Delta</b>		<b>50.1 °F</b>

**Problem:** Phase 2 is heating at T lead terminal block.

**Suggested Repair:** Clean, lube, and tighten connections. Remove all oxides from wiring and components.

**Repair Comments:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Severity Key (in degrees F): 0-20=1 21-50=2 51-100=3 >100=4**