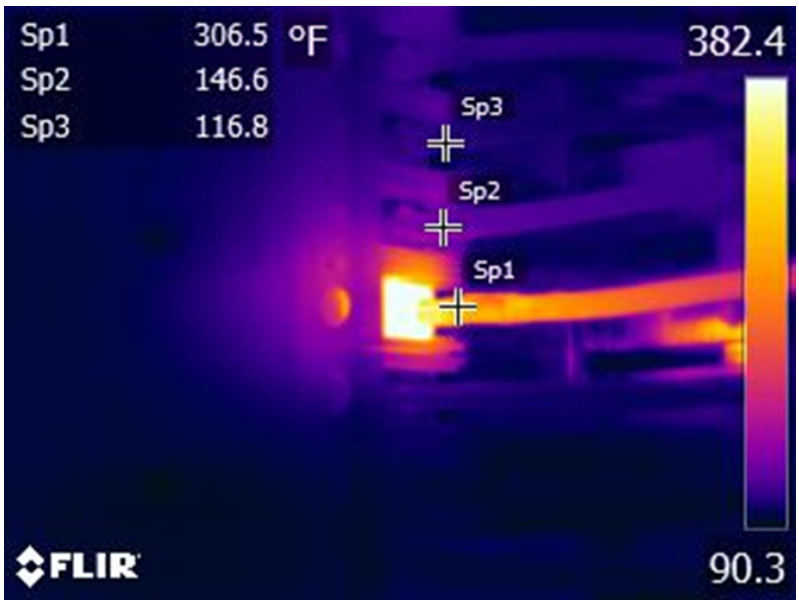


INCA Presswood Sardis, MS
2023 Electrical Infrared Survey Report

All electrical panels were scanned using a FLIR **T865** infrared camera. The following report only contains defects that were found during the survey. Below is our classification system for each defect included in this report. If there are any questions or comments, please feel free to contact us at any time.

HI-SPEED INDUSTRIAL SERVICE employs a three-tier defect rating system:

CLASS I: A defect or defects are present that are likely to cause a problem in the long term (2-6 months). Should be addressed in the normal course of maintenance scheduling.

CLASS II: A defect or defects are present that are likely to cause a failure in the short term (less than 2 months). Should be addressed as soon as practical, on a high maintenance priority. Consideration should be given to increase monitoring frequency.

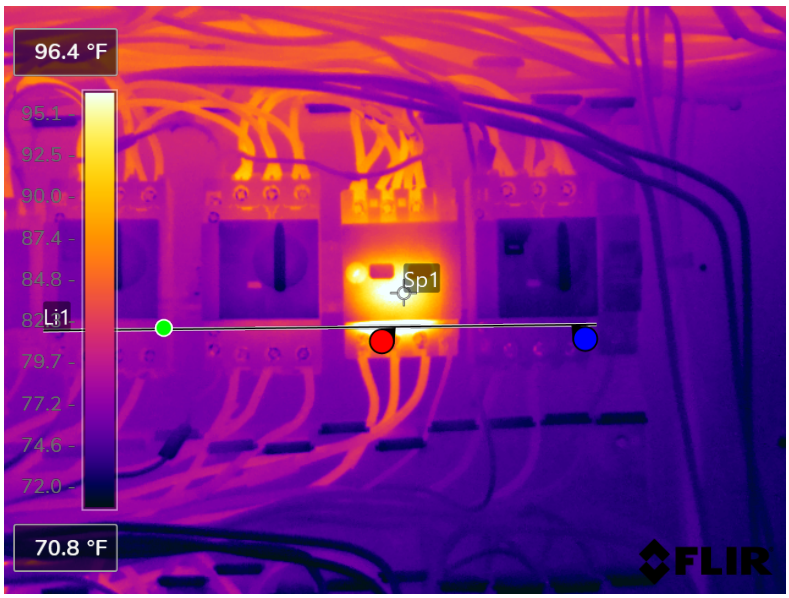
CLASS III: A defect or defects are present that make continued component reliability unpredictable and likelihood of secondary damage is high. Consideration should be given to an unscheduled shutdown to correct.

Component

Contactor/Breaker

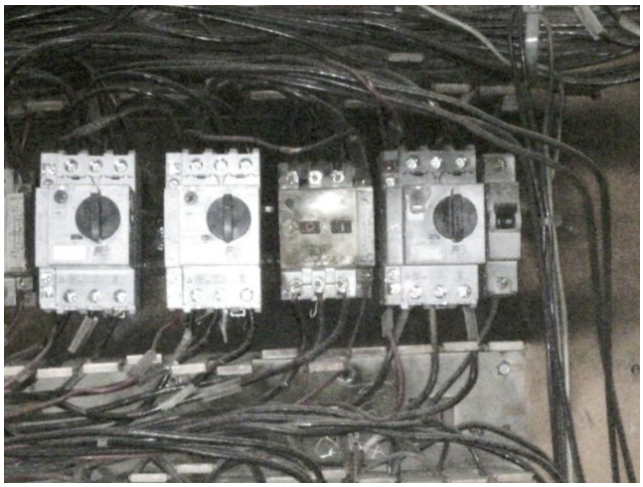
Equipment/Bucket ID

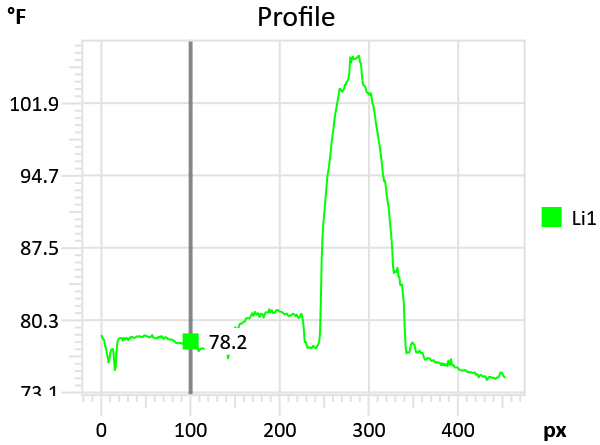
Glue Kitchen 04 PNL 01



Measurements

Li1	
Max	106.6 °F
Avg	82.0 °F
Min	74.4 °F
Sp1	96.5 °F





Fault

Weak contactor/breaker

Defect Rating

CLASS I

Recommendations

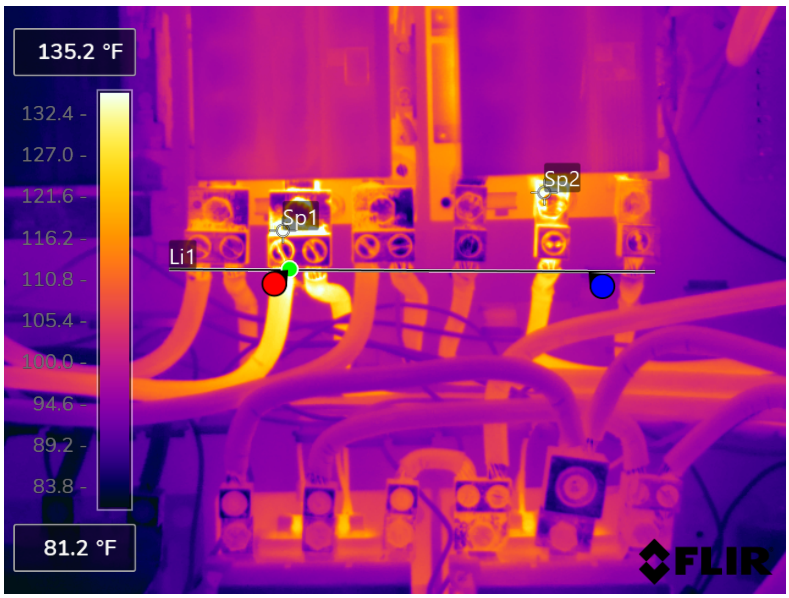
IR image shows this component to likely have internal issues. Replace as time allows.

Component

Connections

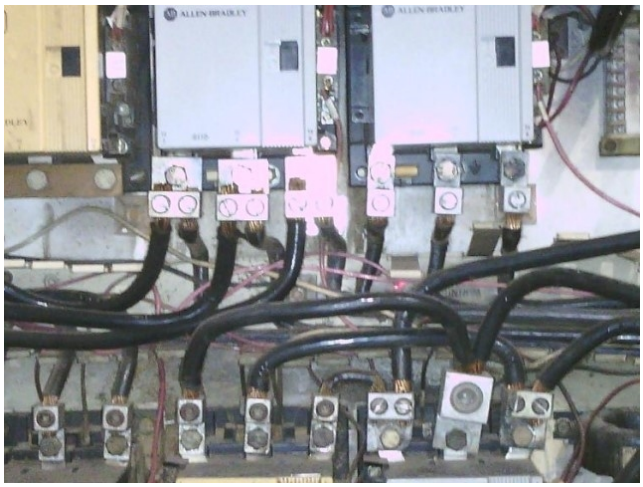
Equipment/Bucket ID

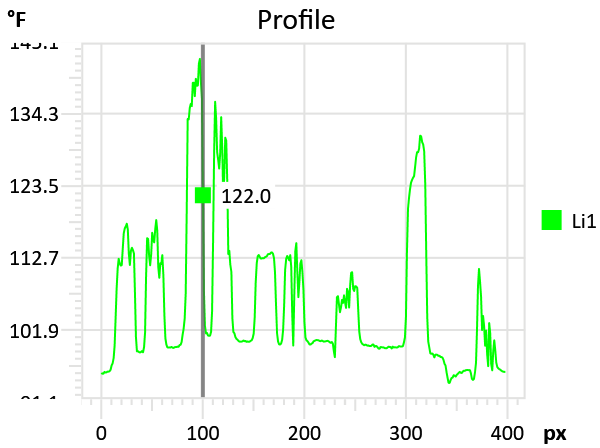
Hydraulic Pump Panel 1-3



Measurements

Sp2	143.0 °F
Li1	
Max	142.5 °F
Avg	106.3 °F
Min	94.0 °F
Sp1	136.4 °F





Fault

Faulty connections

Defect Rating

CLASS I

Recommendations

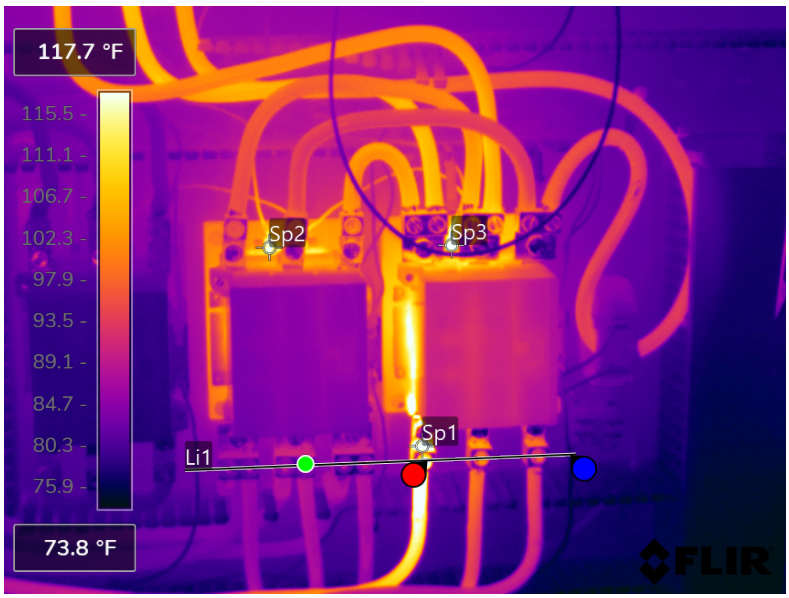
Load side connections appear to have some issues. Check connections, ensuring a clean/tight connection.

Component

Lead connection

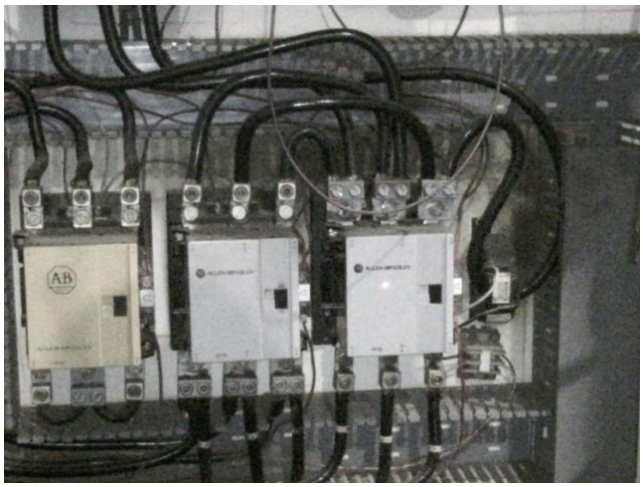
Equipment/Bucket ID

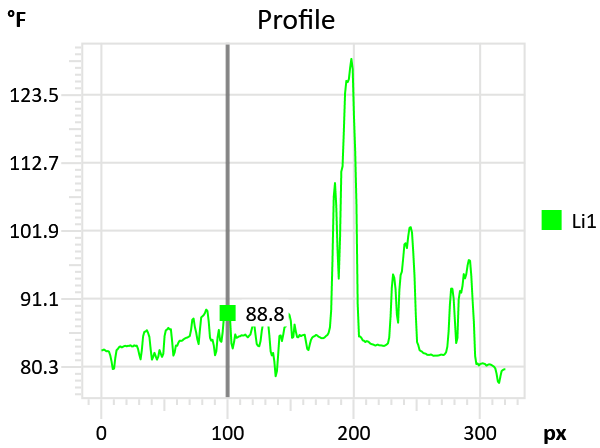
Hydraulic Pump 4 Panel



Measurements

Sp2	119.1 °F
Sp3	123.1 °F
Li1	
Max	129.2 °F
Avg	87.2 °F
Min	77.7 °F
Sp1	132.1 °F





Fault

Faulty connections

Defect Rating

CLASS I

Recommendations

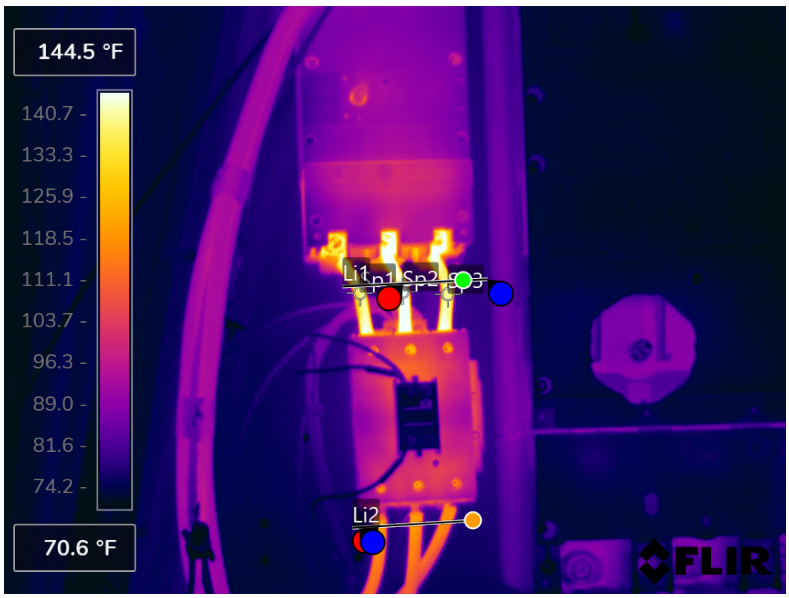
Load side has connection issue (Sp1). Load side (top side) also has a small lead wire that appears to have a connection issue (Sp2). Inspect connections, ensuring a tight, clean connection.

Component

Jumper leads

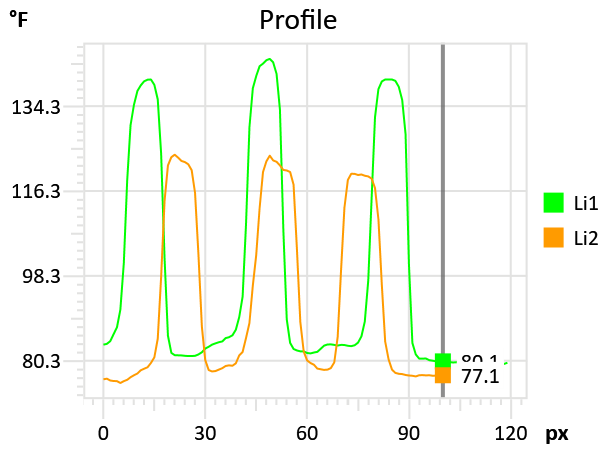
Equipment/Bucket ID

Hammer Mill Control Panel



Measurements

Sp2	144.6 °F
Sp3	140.8 °F
Li1	
Max	144.3 °F
Avg	98.1 °F
Min	79.7 °F
Li2	
Max	124.0 °F
Avg	93.5 °F
Min	75.6 °F
Sp1	140.2 °F



Fault

Overloaded circuit

Defect Rating

CLASS I

Recommendations

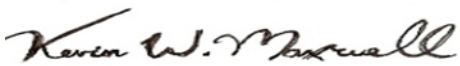
The jumper leads going from contactor to breaker appear to be undersized for the operating current.It is recommended to replace these leads with the proper sized wire. Ensure all connections are clean and tight.

Summary

File name	Created	Maximum temp.	Page number
FLIR0457.jpg	3/16/2023 2:04:07 AM	109.3 °F	3
FLIR0459.jpg	3/16/2023 2:08:37 AM	149.7 °F	4
FLIR0461.jpg	3/16/2023 2:09:33 AM	134.6 °F	5
FLIR0463.jpg	3/16/2023 2:22:21 AM	152.0 °F	6

This concludes our survey report. Please feel free to contact us at any time for question or comments.

Thank you for your business,



ITC Certified Level II Infrared
Thermographer

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