




**Greenville, MS  
September 2024  
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.



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.



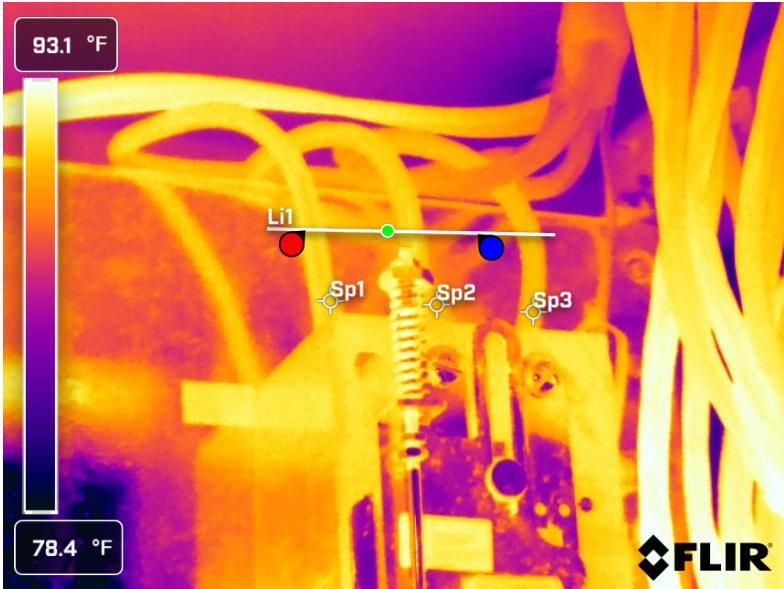
*tests and inspects industrial machinery and equipment and makes recommendations concerning maintenance and repairs based on its experience in the field of industrial repair and maintenance. The information contained herein is provided as an opinion only, not as a guaranty or warranty of the matters discussed herein.*

Component

Breaker

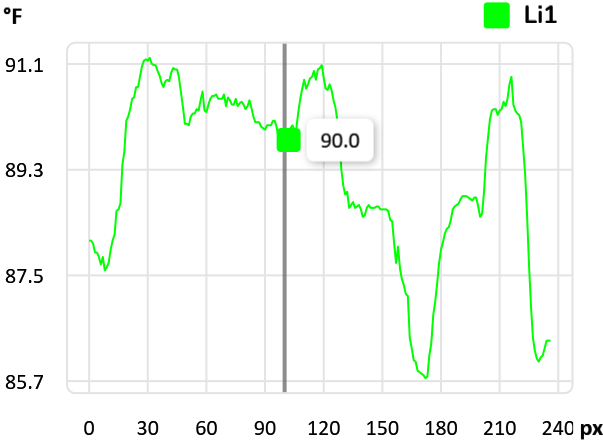
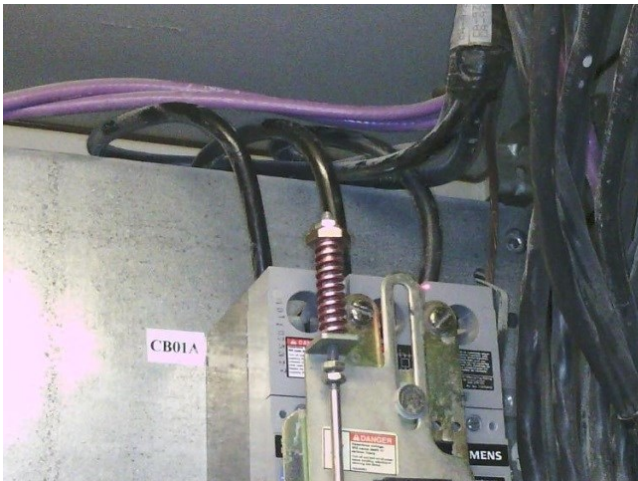
Equipment/Bucket ID

VFD Panel D



Measurements

Li1	
Max	91.2 °F
Avg	89.3 °F
Min	85.8 °F
Sp1	91.0 °F
Sp2	90.1 °F
Sp3	90.4 °F



Fault

None

Defect Rating

N/A

Recommendations

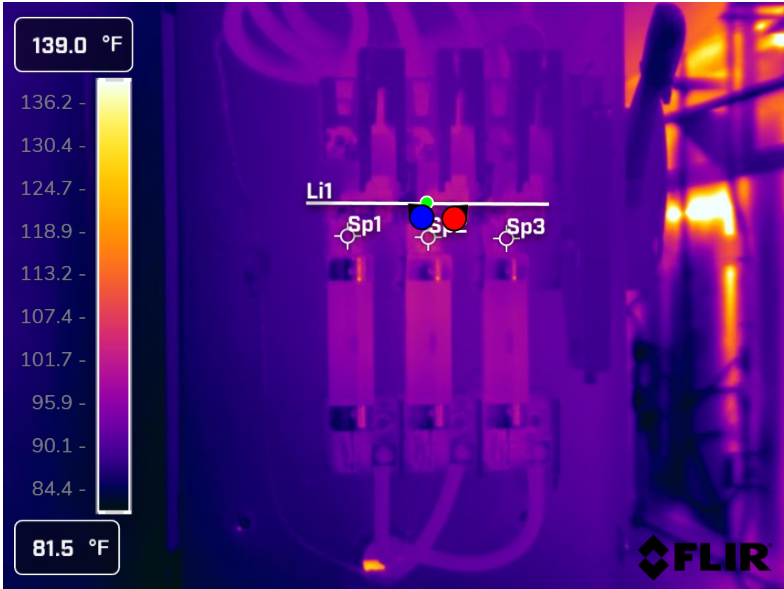
Recheck shows no issues.

Component

Disconnect switch

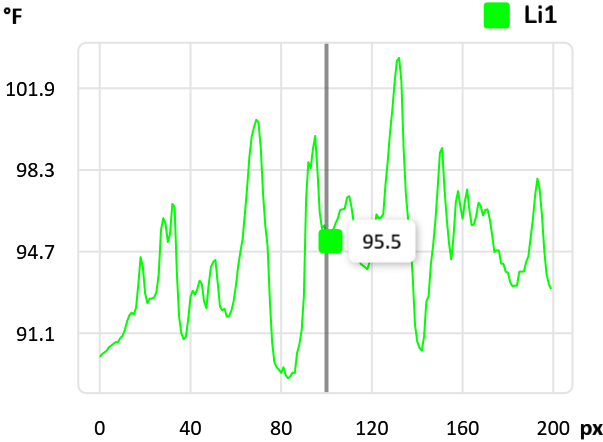
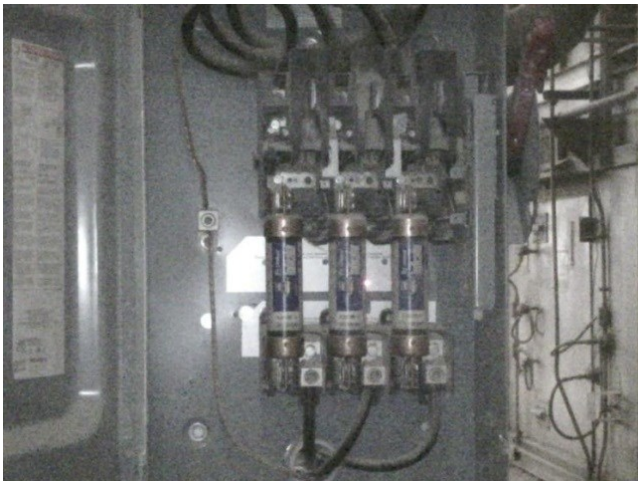
Equipment/Bucket ID

IHEI Oven



Measurements

Li1	
Max	103.3 °F
Avg	94.6 °F
Min	89.2 °F
Sp1	99.4 °F
Sp2	103.0 °F
Sp3	97.5 °F



Fault

None

Defect Rating

N/A

Recommendations

Recheck shows no issues.

Component

Thermal overload

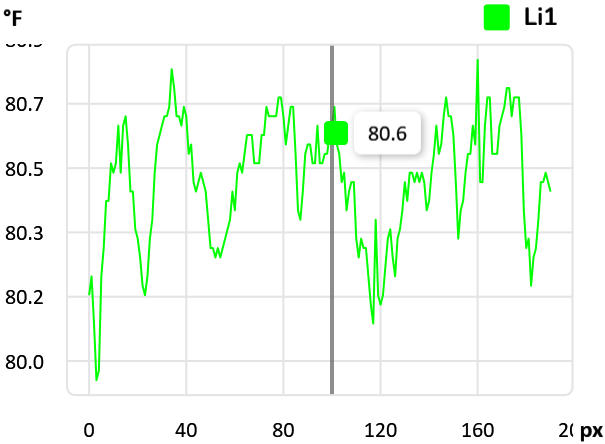
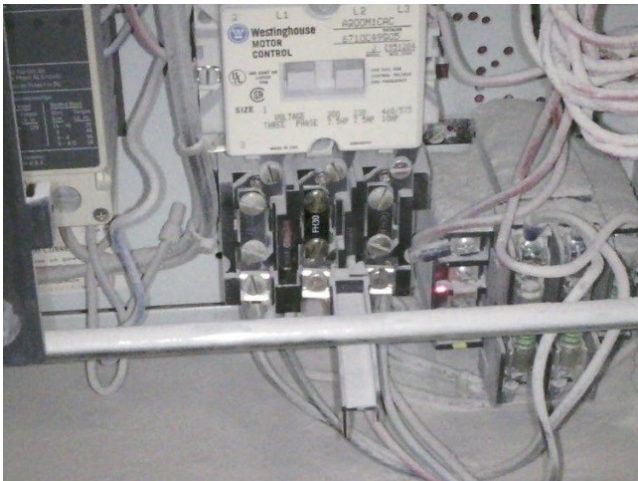
Equipment/Bucket ID

MCC 9B1 M0134 South 2 x 4 hopper conveyor



Measurements

Li1	
Max	80.8 °F
Avg	80.5 °F
Min	79.9 °F
Sp1	80.4 °F



Fault

None

Defect Rating

N/A

Recommendations

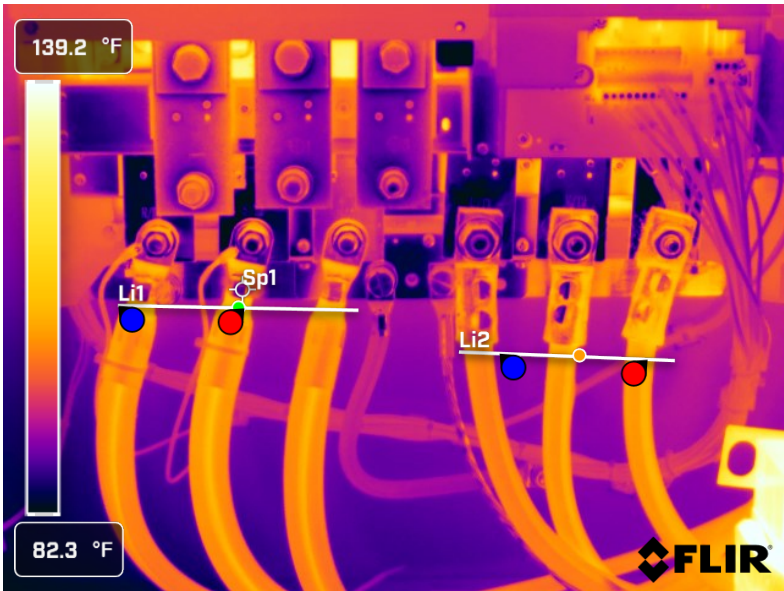
Recheck shows no issues.

**Component**

Lead connections

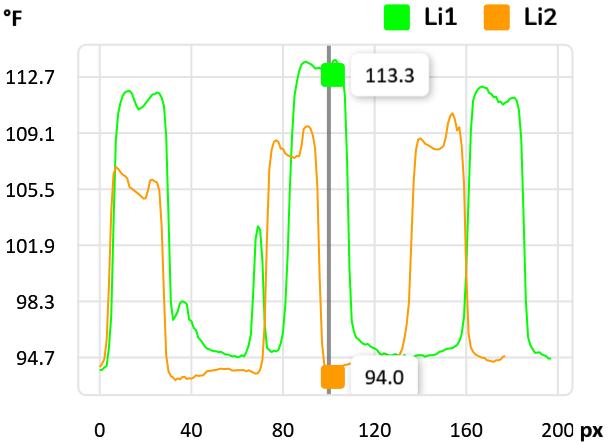
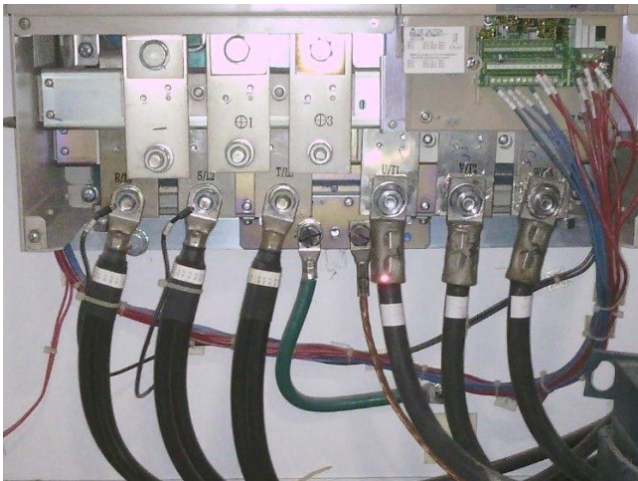
**Equipment/Bucket ID**

Vacuump Pump #1 VFD



**Measurements**

<b>Li1</b>	
Max	113.8 °F
Avg	101.8 °F
Min	93.9 °F
<b>Li2</b>	
Max	110.4 °F
Avg	99.5 °F
Min	93.3 °F
<b>Sp1</b>	89.2 °F



**Fault**

None

**Defect Rating**

N/A

**Recommendations**

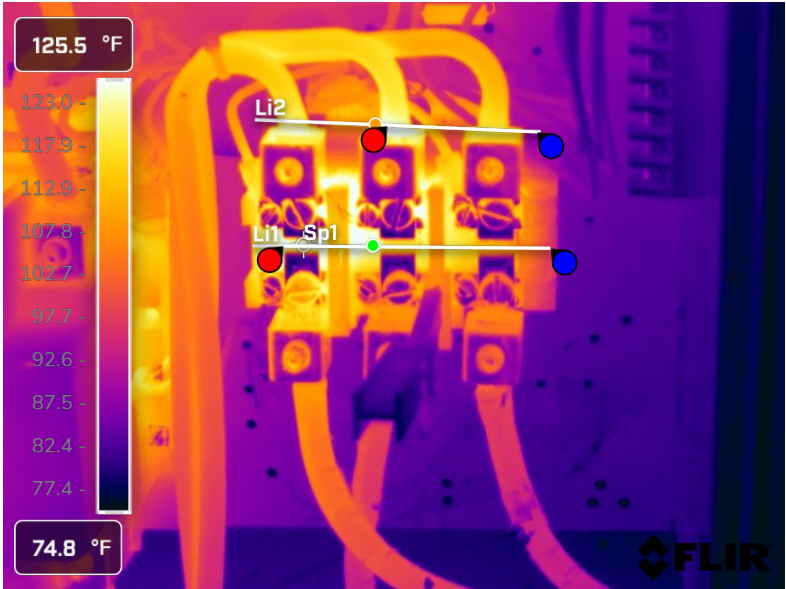
Recheck shows no issues.

**Component**

Lead connections

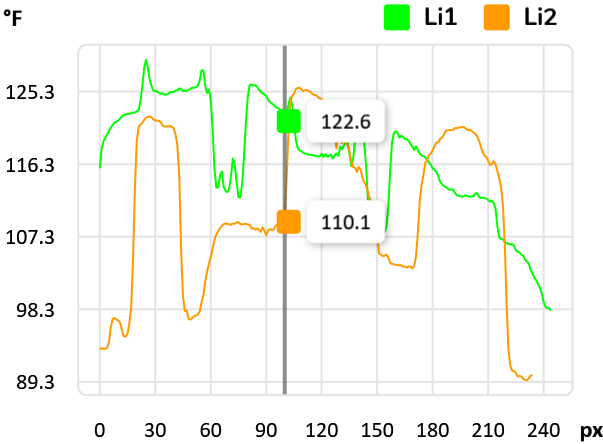
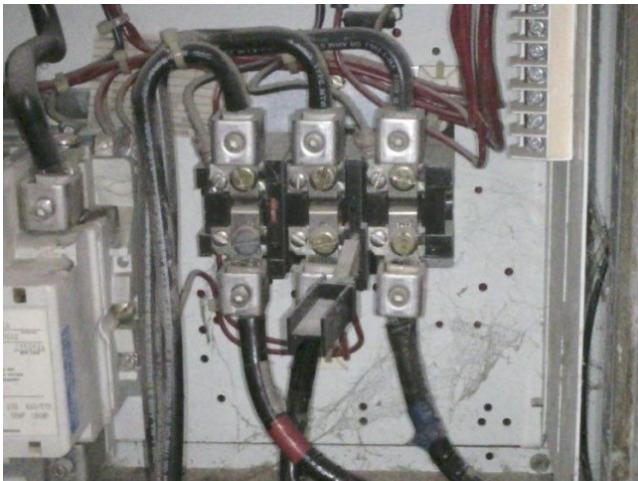
**Equipment/Bucket ID**

MCC 7C1 M1377 #3 White Water Pump



**Measurements**

<b>Li1</b>	
Max	129.3 °F
Avg	117.1 °F
Min	98.2 °F
<b>Li2</b>	
Max	125.8 °F
Avg	111.0 °F
Min	89.5 °F
<b>Sp1</b>	126.2 °F



**Fault**

None

**Defect Rating**

N/A

**Recommendations**

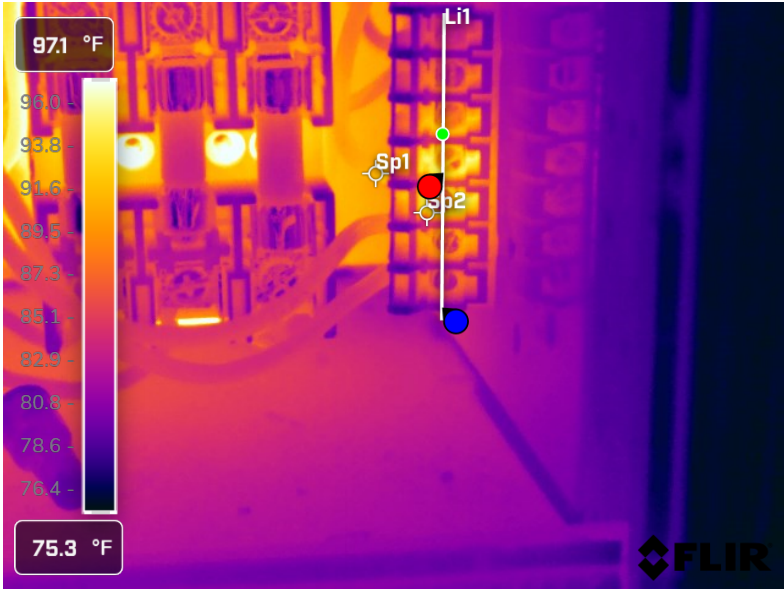
Recheck shows no issues.

Component

Terminal connections

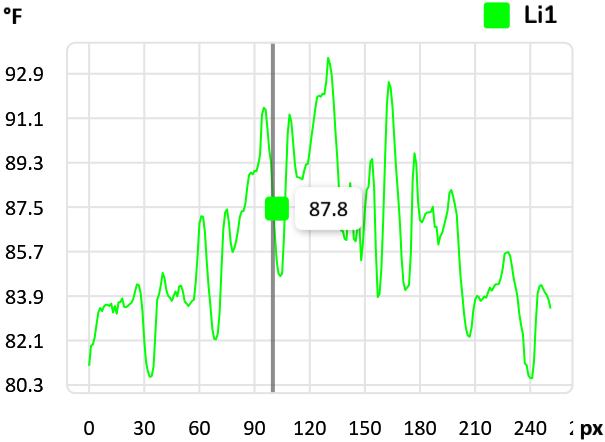
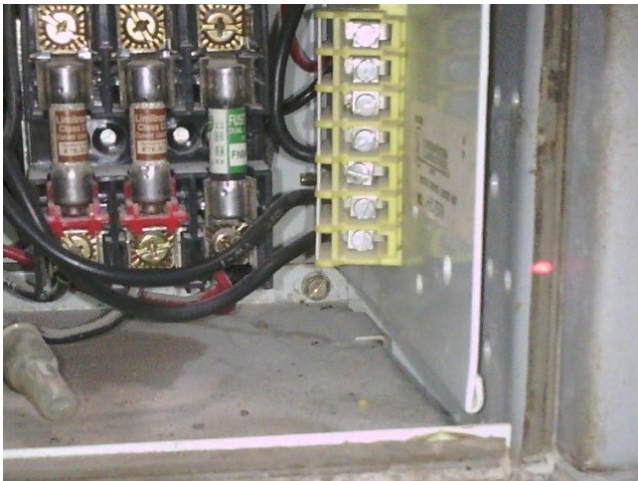
Equipment/Bucket ID

MCC 7C1 M1369 Wet End Coating Tank Agitator



Measurements

Li1	
Max	93.6 °F
Avg	86.0 °F
Min	80.6 °F
Sp1	91.1 °F
Sp2	90.9 °F



Fault

None

Defect Rating

N/A

Recommendations

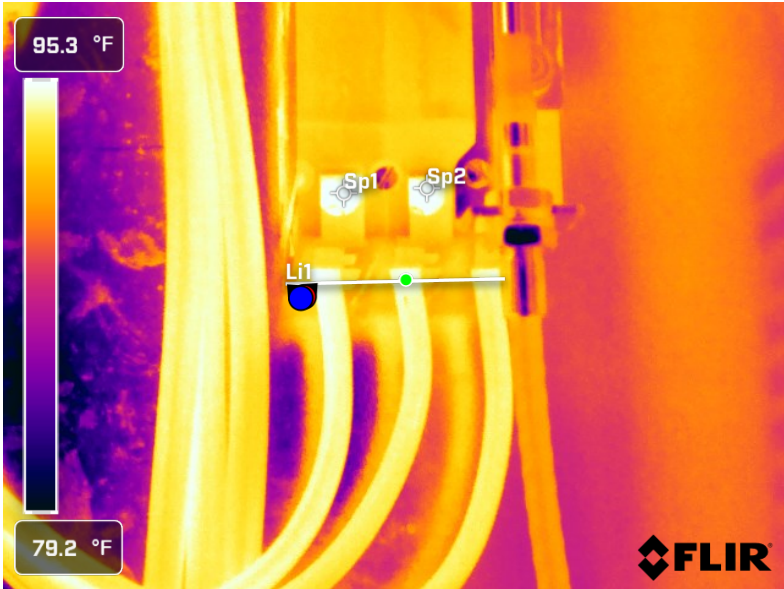
Recheck shows no issues.

Component

Breaker

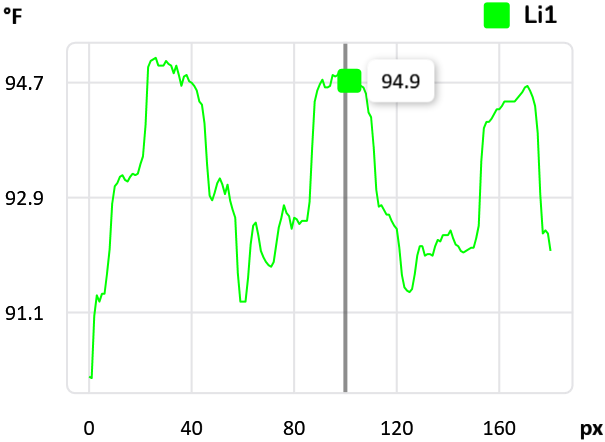
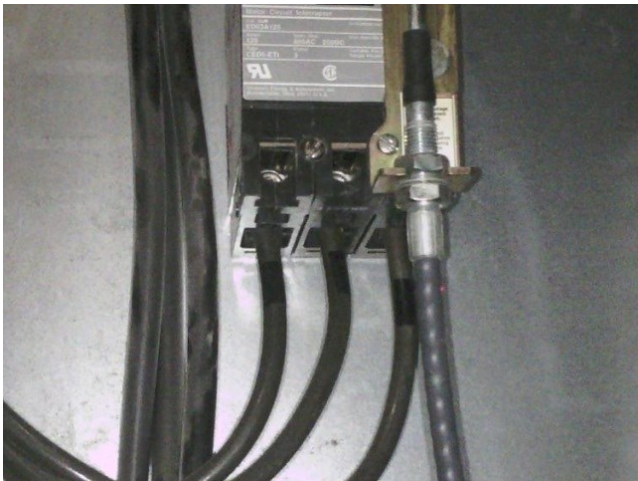
Equipment/Bucket ID

Machine Chest Pump 3A VFD Panel



Measurements

Li1	
Max	95.1 °F
Avg	93.2 °F
Min	90.1 °F
Sp1	95.9 °F
Sp2	95.3 °F



Fault

None

Defect Rating

N/A

Recommendations

Recheck shows no issues.



## Summary

File name	Created	Maximum temp.	Page number
FLIR0831.jpg	10/8/2024 10:12:21 AM	93.8 °F	3
FLIR0833.jpg	10/8/2024 10:19:53 AM	183.2 °F	4
FLIR0835.jpg	10/8/2024 10:23:54 AM	87.2 °F	5
FLIR0837.jpg	10/8/2024 10:28:21 AM	148.7 °F	6
FLIR0841.jpg	10/8/2024 10:37:17 AM	129.7 °F	7
FLIR0843.jpg	10/8/2024 10:38:48 AM	102.1 °F	8
FLIR0845.jpg	10/8/2024 10:41:16 AM	96.7 °F	9



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

Thank you for your business,

*Kevin W. Maxwell*



ITC Certified Level II Infrared  
Thermographer

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