




December 2024 Infrared Survey Report Greenville, MS Plant



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.



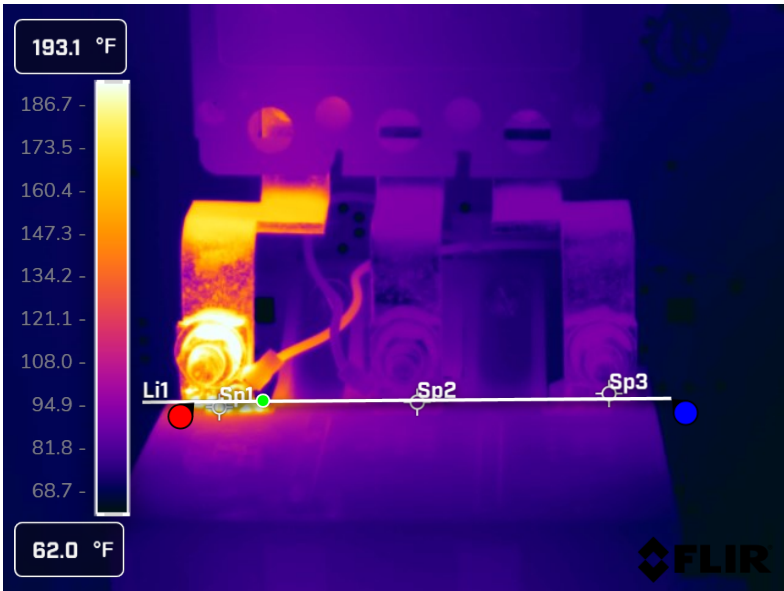
tests and inspects industrial machinery and equipment and makes recommendations concerning maintenance and repairs based on its experience in the field of industrial repair and maintenance. The information contained herein is provided as an opinion only, not as a guaranty or warranty of the matters discussed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

Component

Starter

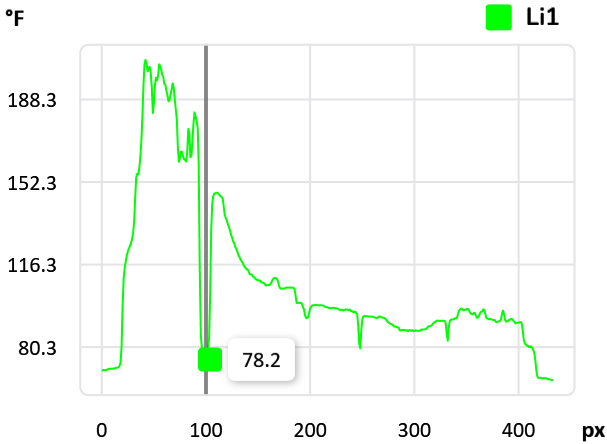
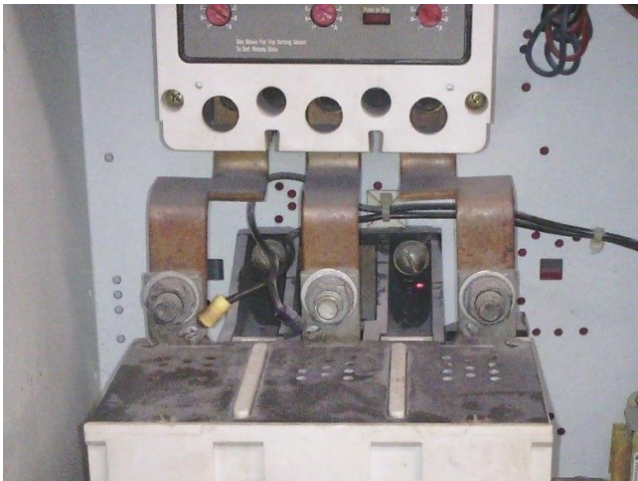
Equipment/Bucket ID

#7 Expander Fan M2248



Measurements

Li1	
Max	205.6 °F
Avg	108.8 °F
Min	66.0 °F
Sp1	190.8 °F
Sp2	97.3 °F
Sp3	90.8 °F



Fault

Faulty Connection

Defect Rating

CLASS II

Recommendations

Recheck image shows issue still exists and appears to be worse than before. The A phase lug may have an internal fault inside the starter unit. It is recommended to repair/replace starter and or starter components as needed.



Summary

File name	Created	Maximum temp.	Page number
FLIR0857.jpg	12/12/2024 9:57:37 AM	210.1 °F	3



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



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