

## Infrared Thermography Report

ARCOSA 11-4-2021

All electrical panels were scanned using a  P60 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.

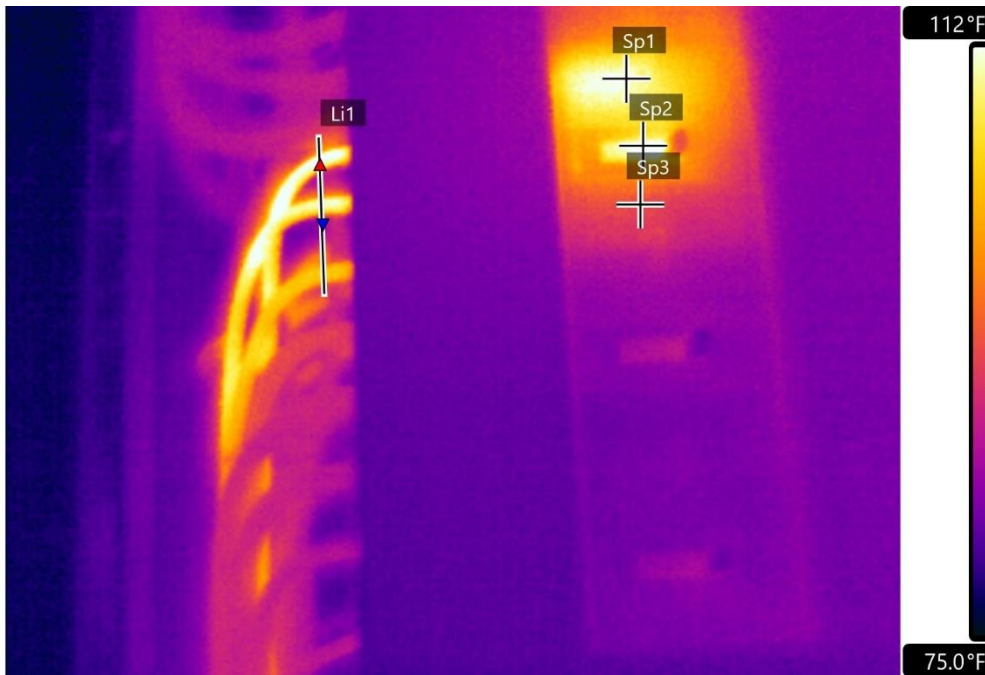
**CLASS II:** A defect or defects are present that are likely to cause a failure in the short term (less than 2 months). Should be addressed as soon as practical, on a high maintenance priority. Consideration should be given to increase monitoring frequency.

**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	Main Panel DP2
Equipment/Bucket ID	Final Trim Breaker



Sp1	110.7 °F
Sp2	114.1 °F
Sp3	93.3 °F
Li1 Minimum	85.8 °F
Li1 Maximum	114.0 °F
Areas	-



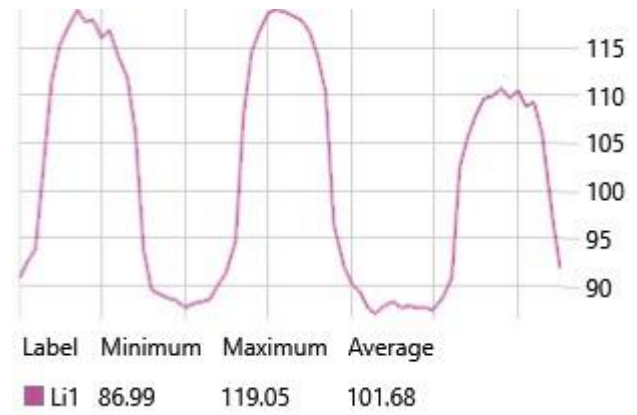
Fault	Phase to phase temperature variation
Defect Rating	Class I

Recommendations	Check all connections for proper torque, signs of oxidation or corrosion. Inspect breaker to buss bar connections also. Check for load imbalance.
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Component	Main Circuit Breaker
Equipment/Bucket ID	Final Trim Electrical Panel Mains



Sp1	103.3 °F
Sp2	107.9 °F
Sp3	105.2 °F
Li1 Minimum	87.0 °F
Li1 Maximum	119.1 °F
Areas	-



Fault	Phase to phase temperature variation
Defect Rating	Class I

Recommendations
Check all connections for proper torque, signs of oxidation or corrosion. Inspect breaker to buss bar connections also. Check for load imbalance.

## Summary

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

Thank you for your business,

*David W. Shook*



ITC Certified Level I Infrared Thermographer

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