


Quarterly Infrared Thermography Report

Atlantic Dry Ice

June 2022

All three compressor power panels were scanned using a  **FLIR** T865 infrared camera. The following report does also contain 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.

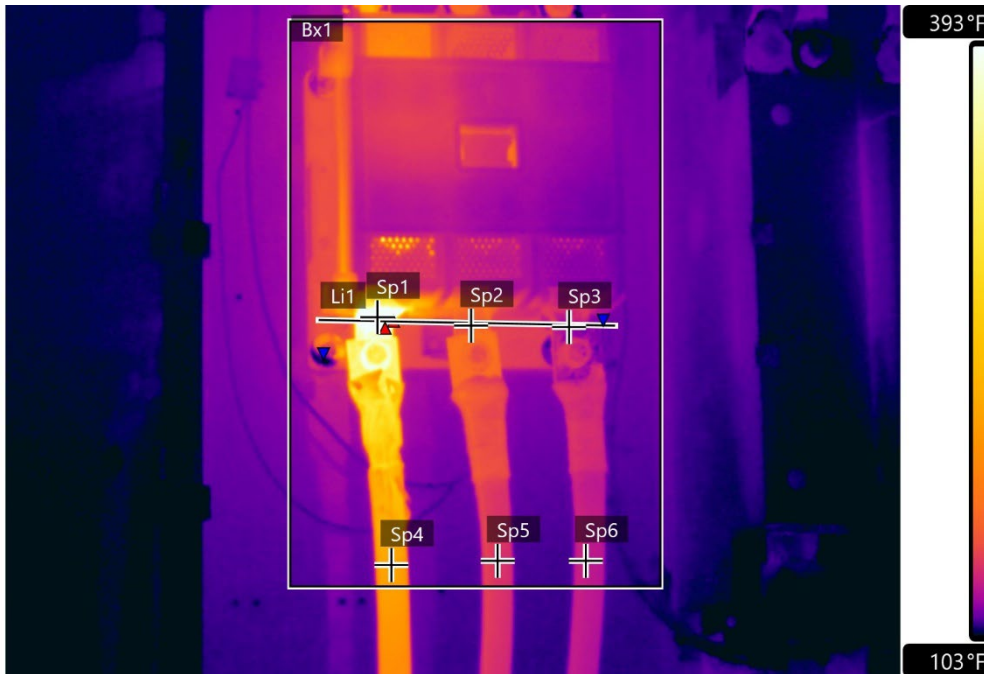
CLASS II: A defect or defects are present that are likely to cause a failure in the short term (less than 2 months). Should be addressed as soon as practical, on a high maintenance priority. Consideration should be given to increase monitoring frequency.

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.

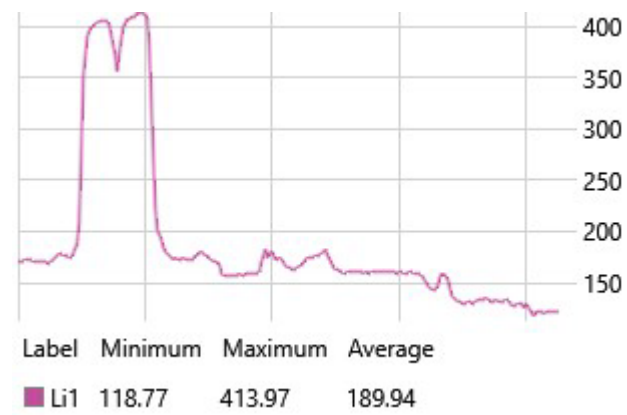
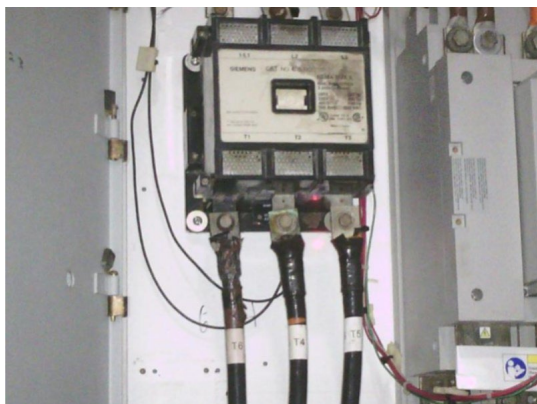


tests and inspects industrial machinery and equipment and makes recommendations concerning maintenance and repairs based on its experience in the field of industrial repair and maintenance. The information contained herein is provided as an opinion only, not as a guaranty or warranty of the matters discussed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

Component	A Phase connection
Equipment/Bucket ID	CM-3



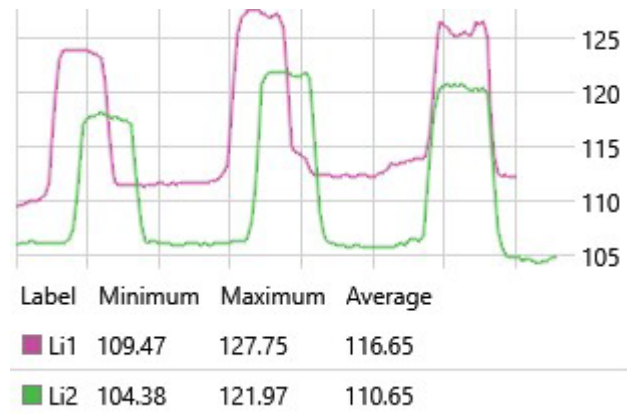
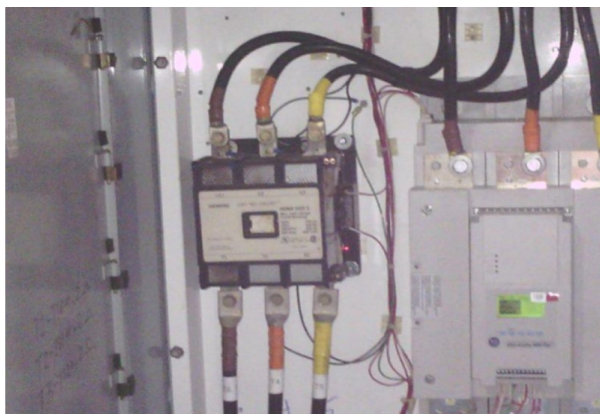
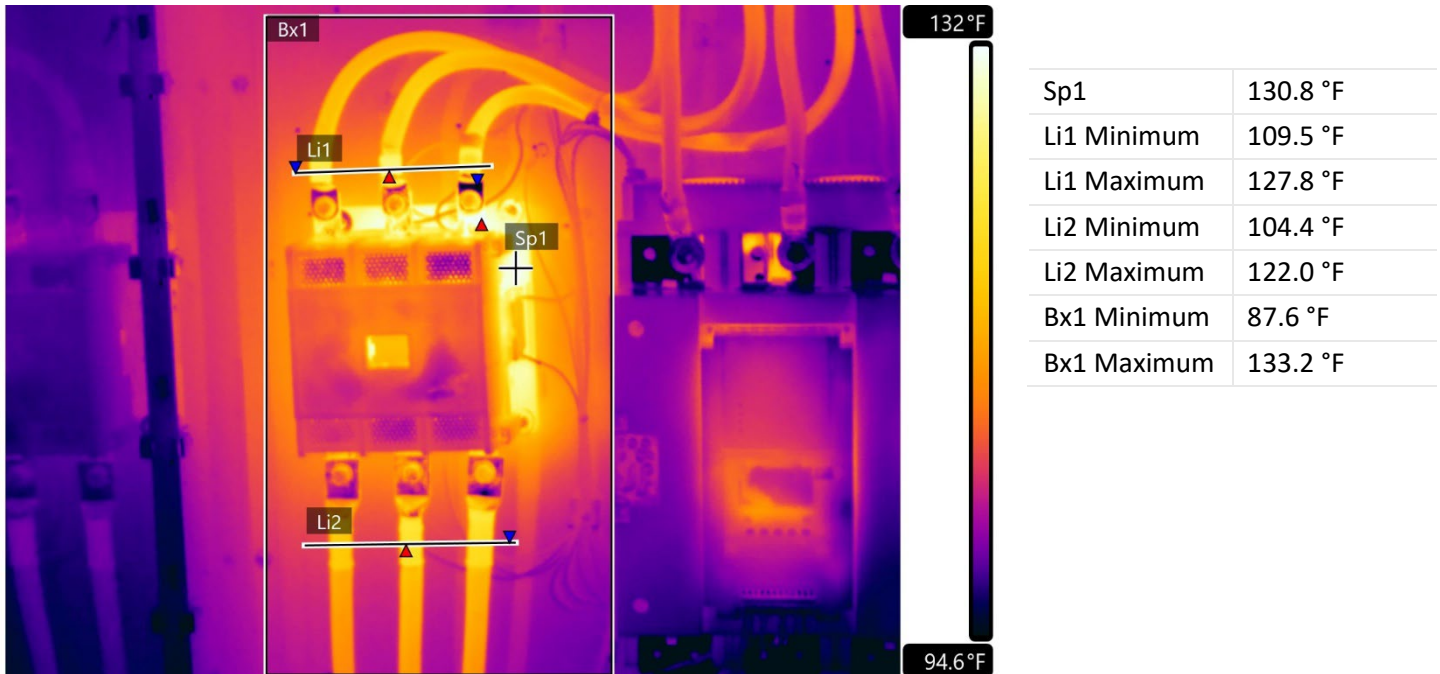
Sp1	417.5 °F
Sp2	164.7 °F
Sp3	132.2 °F
Sp4	239.4 °F
Sp5	154.9 °F
Sp6	142.5 °F
Li1 Minimum	118.8 °F
Li1 Maximum	414.0 °F
Bx1 Minimum	102.6 °F
Bx1 Maximum	430.8 °F



Fault	Bad Connection
Defect Rating	CLASS III

Recommendations	<p>Extreme amount of heat can be seen in the IR image above. A phase connection is very hot and has damaged the lug and lead. Ensure contactor lug is not loose inside the contactor. Electrician was called for emergency repair on 6/29/22.</p>
-----------------	---

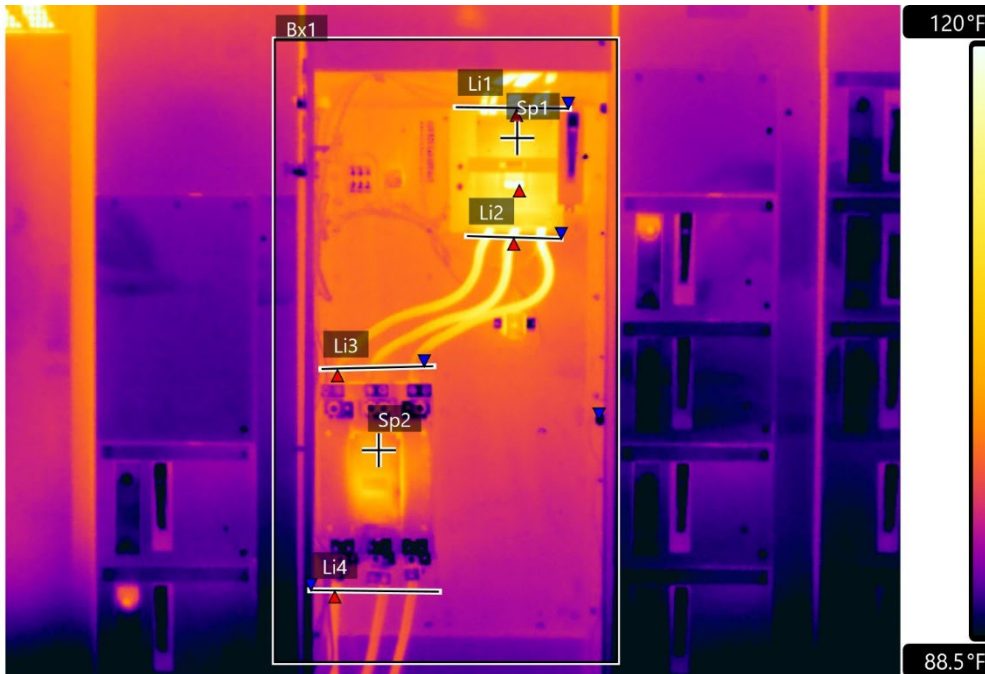
Component	N/A
Equipment/Bucket ID	CM-2



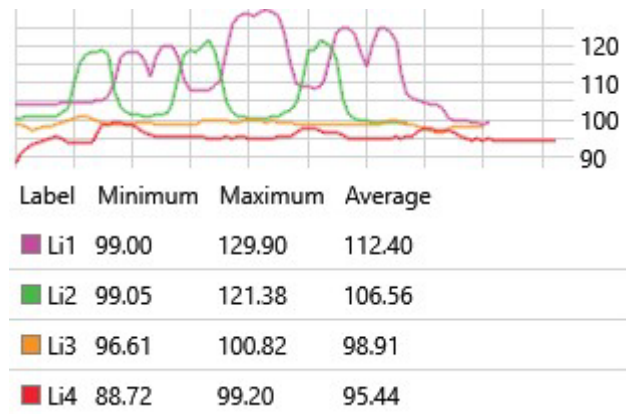
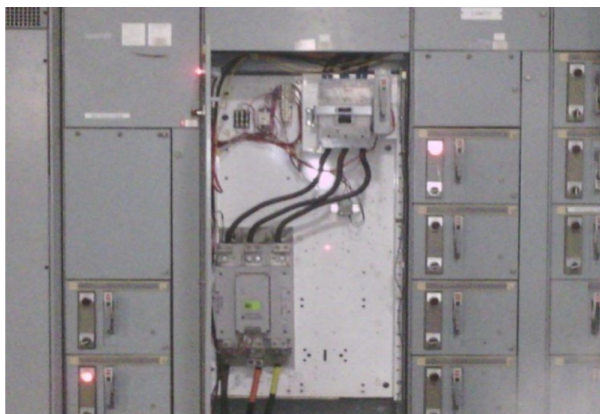
Fault	None
Defect Rating	None

Recommendations	IR image shows no issues to be present at this time.
-----------------	--

Component	N/A
Equipment/Bucket ID	CM-1



Sp1	107.1 °F
Sp2	102.2 °F
Li1 Minimum	99.0 °F
Li1 Maximum	129.9 °F
Li2 Minimum	99.1 °F
Li2 Maximum	121.4 °F
Li3 Minimum	96.6 °F
Li3 Maximum	100.8 °F
Li4 Minimum	88.7 °F
Li4 Maximum	99.2 °F
Bx1 Minimum	76.0 °F
Bx1 Maximum	134.0 °F



Fault	None
Defect Rating	None


Recommendations	IR image shows no issues to be present at this time.
-----------------	--

Summary

Image Date&Time	Page number
7/1/2022 3:40:24 PM	3
6/29/2022 12:44:21 PM	4
6/29/2022 8:47:10 AM	5

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

(901) 486-4565

kwilliam@gohispeed.com