

## Infrared Thermography Report

ADI BRANDON, MS

AMMONIA COMPRESSOR DRIVE MMC

DECEMBER 2021



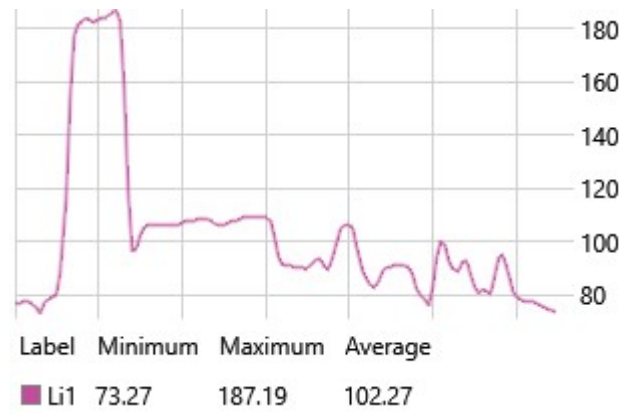
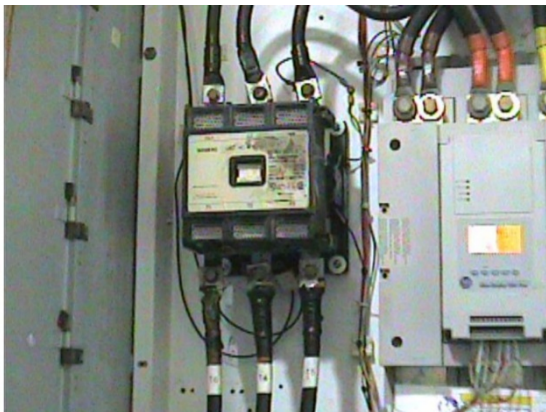
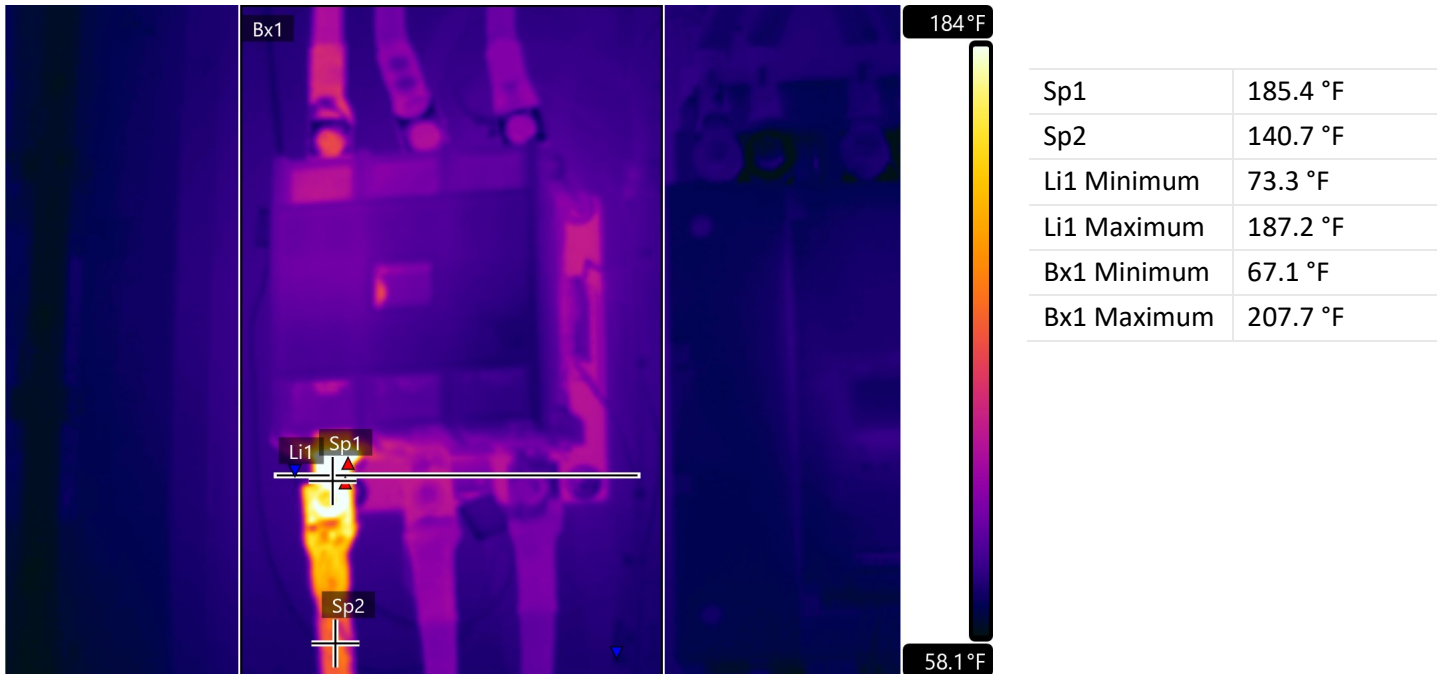
**CLASS I:** A defect or defects are present that are likely to cause a problem in the long term (2-6 months). Should be addressed in the normal course of maintenance scheduling.

**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	Motor Starter A Phase Load Side
Equipment/Bucket ID	Ammonia Compressor 3 MCC



Fault	Loose Connection
Defect Rating	<b>CLASS II</b>

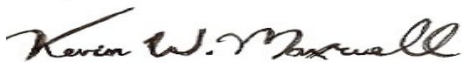
Recommendations	IR image shows over 80 degrees F delta on A phase to B and C phases This indicates connection issue. This is either at the lug connection or internal of the starter. Inspect and repair soon.
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## Summary

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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,



ITC Certified Level II Infrared Thermographer

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