



**Atlantic Dry Ice
Quarterly Infrared Survey Report
May 2024**



All Ammonia Compressor Motor 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.



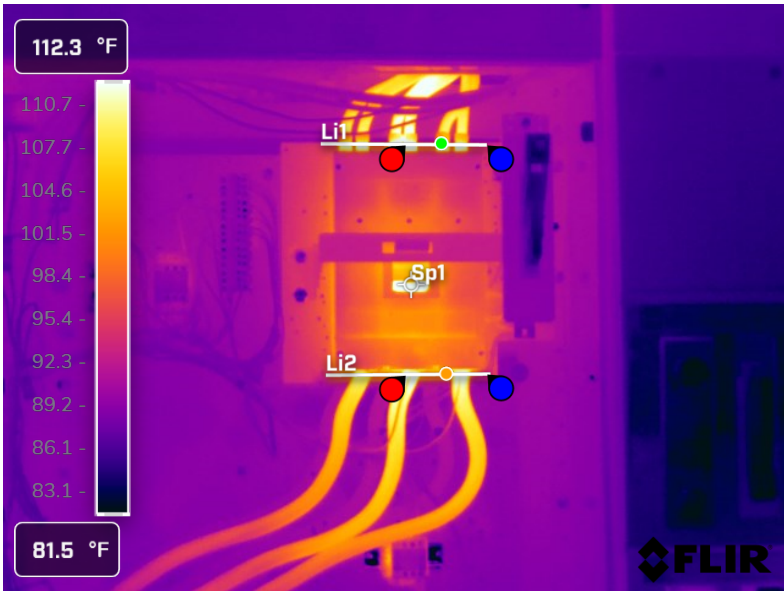
tests and inspects industrial machinery and equipment and makes recommendations concerning maintenance and repairs based on its experience in the field of industrial repair and maintenance. The information contained herein is provided as an opinion only, not as a guaranty or warranty of the matters discussed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

Component

Breaker

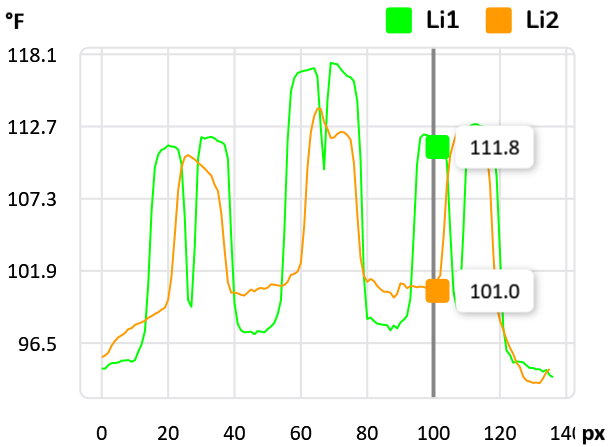
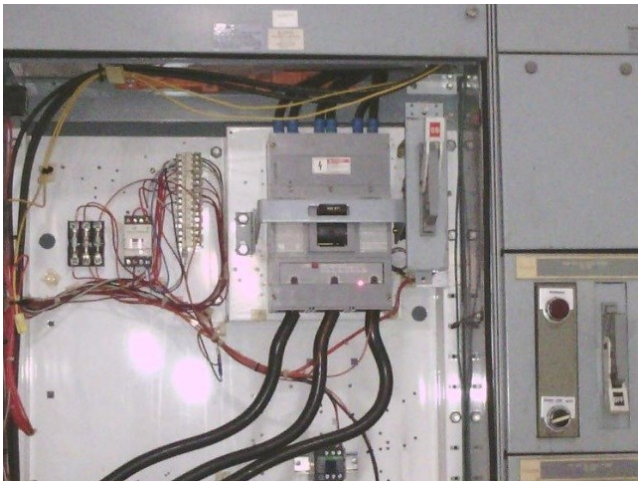
Equipment/Bucket ID

CM-1 Breaker



Measurements

Li1	
Max	117.5 °F
Avg	104.7 °F
Min	94.0 °F
Li2	
Max	114.1 °F
Avg	103.0 °F
Min	93.5 °F
Sp1	
	121.4 °F



Fault

None

Defect Rating

N/A

Recommendations

No issues to note this survey.

Component

Motor Starter

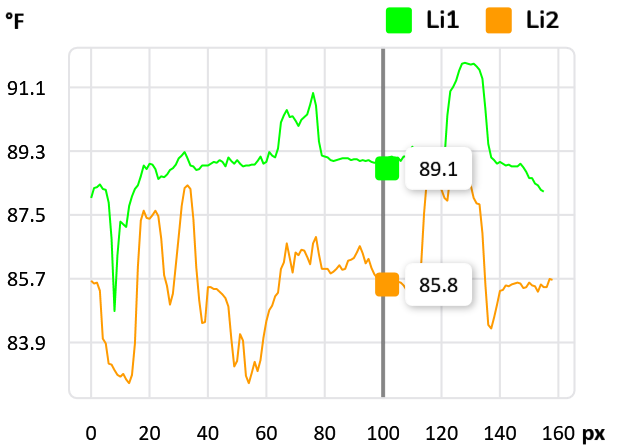
Equipment/Bucket ID

CM-1 Starter



Measurements

Li1	
Max	91.8 °F
Avg	89.2 °F
Min	84.8 °F
Li2	
Max	88.8 °F
Avg	85.9 °F
Min	82.8 °F
Sp1	98.9 °F



Fault

None

Defect Rating

N/A

Recommendations

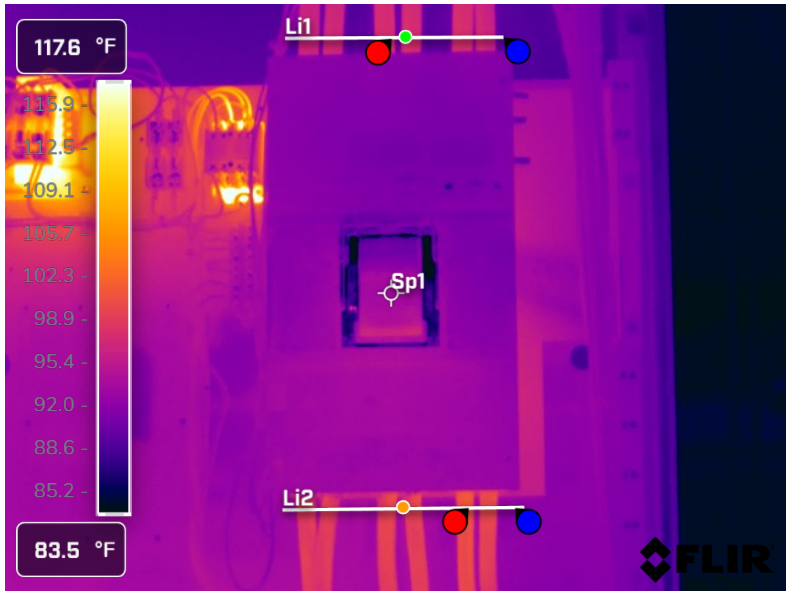
No issues to note this survey.

Component

Breaker

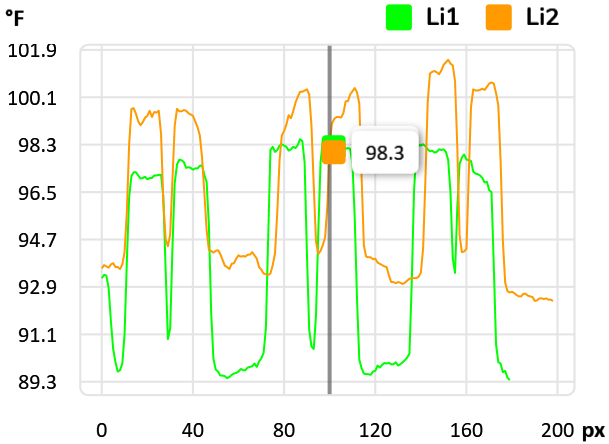
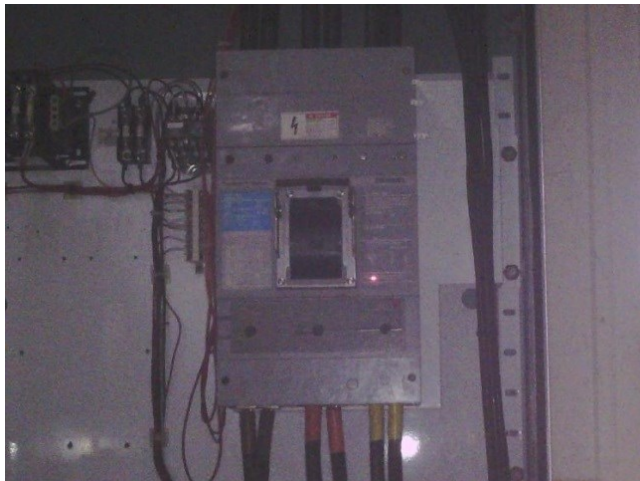
Equipment/Bucket ID

CM-2 Breaker



Measurements

Li1	
Max	98.5 °F
Avg	94.5 °F
Min	89.4 °F
Li2	
Max	101.6 °F
Avg	96.4 °F
Min	92.4 °F
Sp1	93.9 °F



Fault

None

Defect Rating

N/A

Recommendations

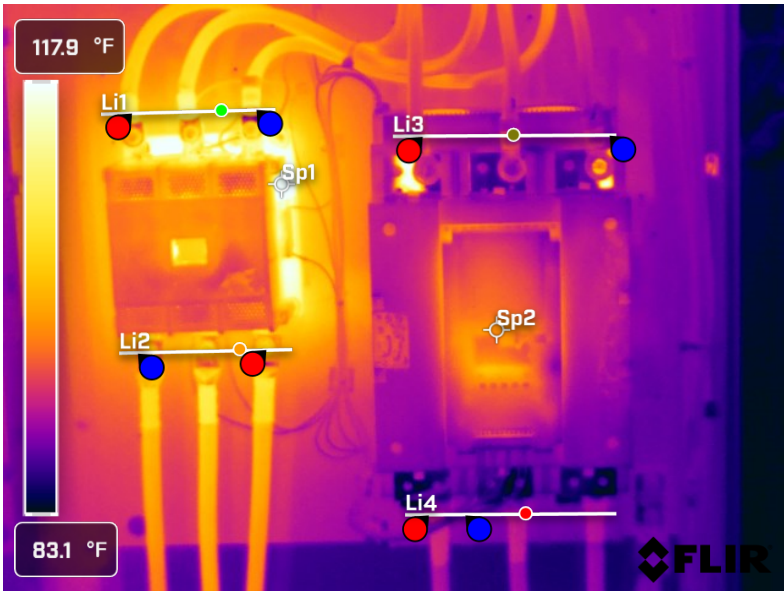
There are no issues to note this survey.

Component

Motor Contactor/Starter

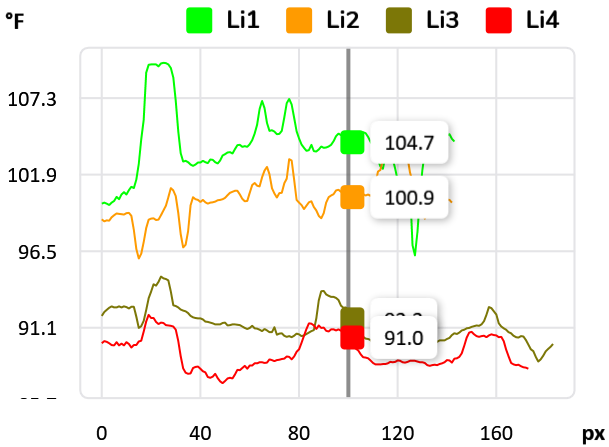
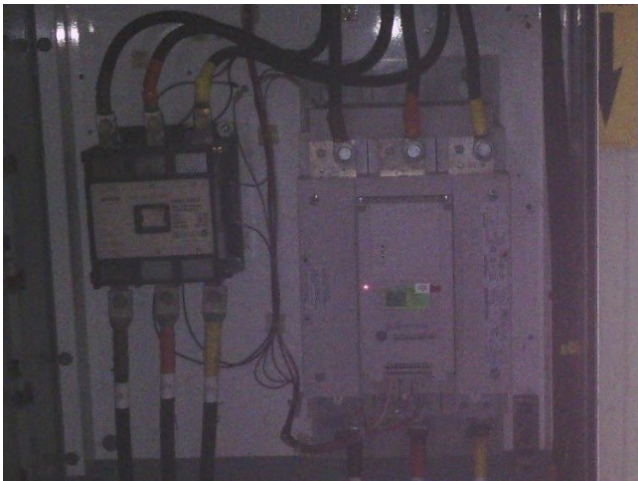
Equipment/Bucket ID

CM-2 Contactor/Starter



Measurements

Li1	
Max	109.8 °F
Avg	103.9 °F
Min	96.2 °F
Li2	
Max	104.3 °F
Avg	100.3 °F
Min	96.0 °F
Li3	
Max	94.7 °F
Avg	91.3 °F
Min	88.8 °F
Li4	
Max	92.0 °F



Fault

None

Defect Rating

N/A

Recommendations

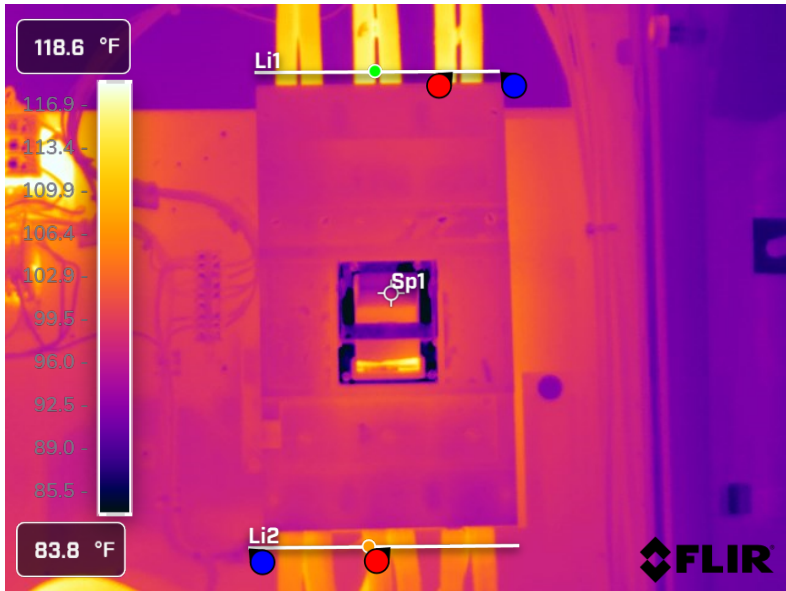
There are no issues to note this survey.

Component

Breaker

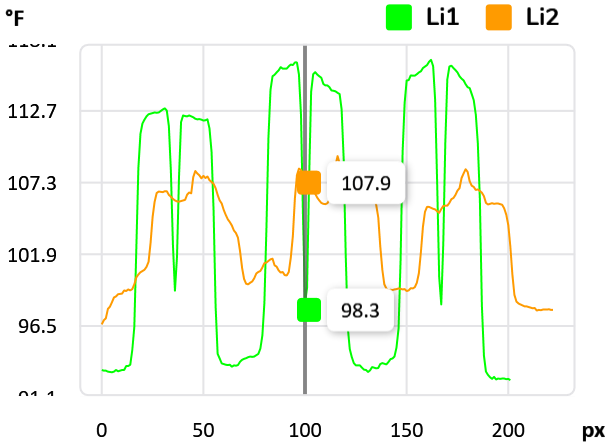
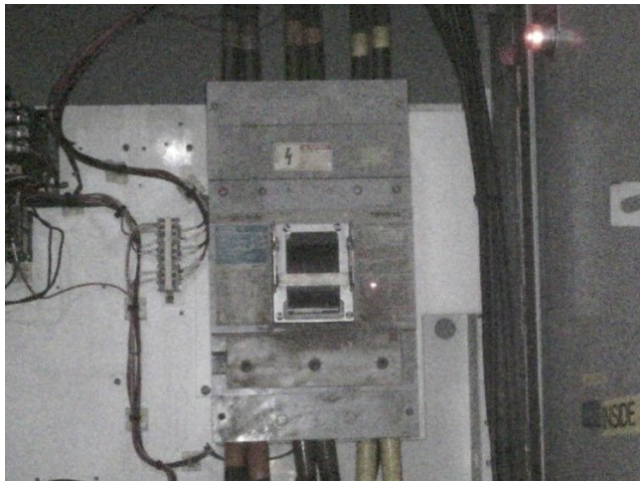
Equipment/Bucket ID

CM-3 Breaker



Measurements

Li1	
Max	116.6 °F
Avg	104.6 °F
Min	92.4 °F
Li2	
Max	109.3 °F
Avg	103.5 °F
Min	96.6 °F
Sp1	
	96.7 °F



Fault

None

Defect Rating

N/A

Recommendations

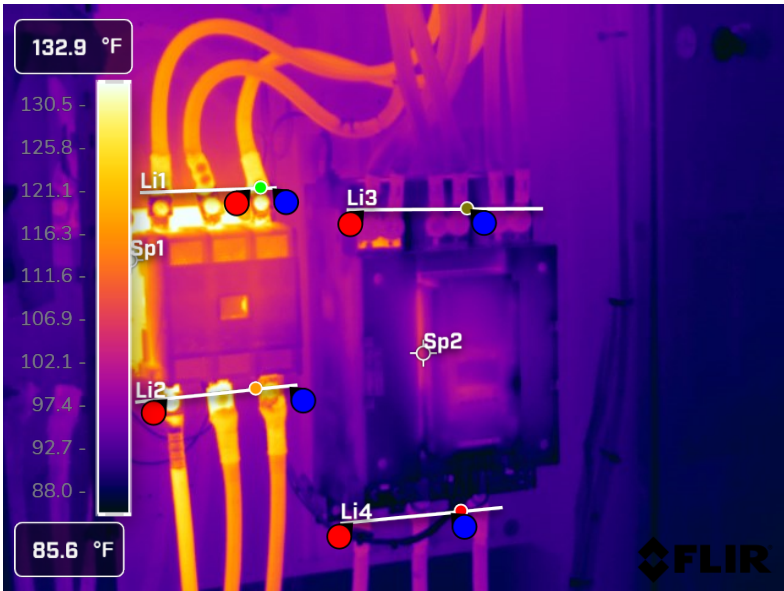
There are no issues to note this survey.

Component

Motor Contactor/Starter

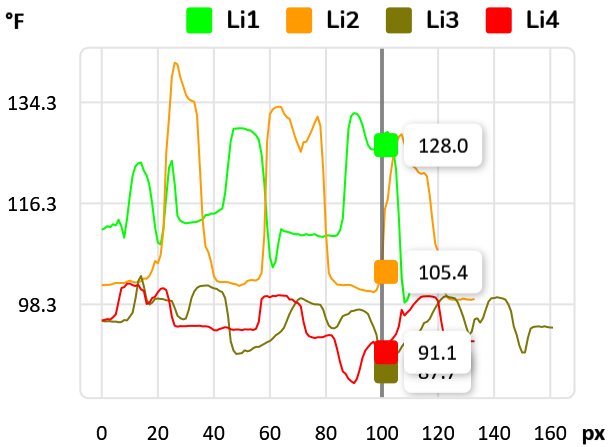
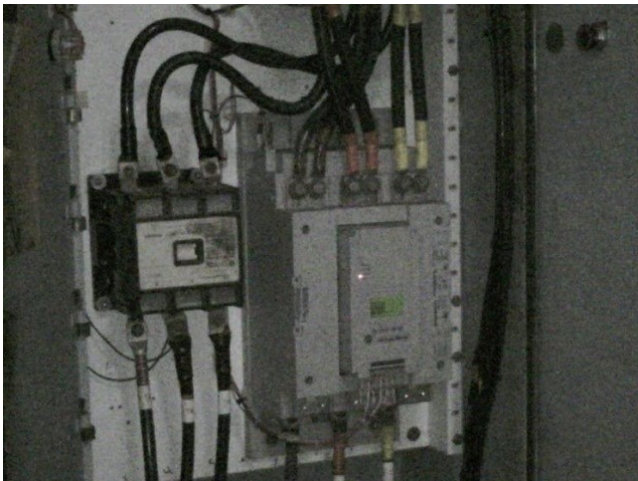
Equipment/Bucket ID

CM-3 Contactor/Starter



Measurements

Li1	
Max	132.4 °F
Avg	117.0 °F
Min	98.6 °F
Li2	
Max	141.4 °F
Avg	112.7 °F
Min	99.2 °F
Li3	
Max	103.4 °F
Avg	95.8 °F
Min	86.7 °F
Li4	
Max	102.0 °F



Fault

None

Defect Rating

N/A

Recommendations

There are no issues to note this survey.



Summary

File name	Created	Maximum temp.	Page number
FLIR0733.jpg	5/10/2024 12:28:23 PM	125.9 °F	3
FLIR0735.jpg	5/10/2024 12:28:52 PM	105.1 °F	4
FLIR0737.jpg	5/10/2024 12:29:42 PM	148.3 °F	5
FLIR0739.jpg	5/10/2024 12:30:20 PM	123.8 °F	6
FLIR0741.jpg	5/10/2024 12:32:02 PM	124.6 °F	7
FLIR0743.jpg	5/10/2024 12:32:47 PM	141.4 °F	8



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

(901) 486-4565

kwilliam@gohispeed.com