



Infrared Thermography Report

Gold Strike Hotel and Casino July 2020



All electrical panels were scanned using a **CFLIR** 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	Buffet left/east side vent hood
Equipment/Bucket ID	Kitchen Mezzanine XMCCB Bucket



Sp1	101.1 °F
Li1 Minimum	97.1 °F
Li1 Maximum	116.4 °F
Areas	-





Fault	Poor connection at center top fuse clip
Defect Rating	Class I

Recommendations	
Clean and inspect the fuse clip	s. Replace if necessary. Replace the fuses if possible.



Component	Buffet #3 right KEF-3
Equipment/Bucket ID	Kitchen Mezzanine XMCCB Bucket



Sp1	113.5 °F
Li1 Minimum	80.5 °F
Li1 Maximum	114.1 °F
Areas	-





Fault	Poor connection at top right fuse.
Defect Rating	Class I

Recommendations	
Clean and inspect the fuse clip	s. Replace if necessary. Replace the fuses if possible.



Component	Steak house right KEF2B
Equipment/Bucket ID	Kitchen Mezzanine XMCCB Bucket



Sp1	123.8 °F
Li1 Minimum	84.0 °F
Li1 Maximum	124.3 °F
Areas	-





Fault	Poor connection at lower left fuse connection.
Defect Rating	Class I

Recommendations	
Clean and inspect the fuse clip	s. Replace if necessary. Replace the fuses if possible.



Component	Steak house left KEF-2B
Equipment/Bucket ID	Kitchen Mezzanine XMCCB Bucket



Sp1	116.4 °F
Li1 Minimum	85.1 °F
Li1 Maximum	118.3 °F
Areas	-





Fault	Poor connection at lower right fuse
Defect Rating	Class I

Recommendations		
Clean and inspect the fuse clips. Replace if necessary. Replace the fuses if possible.		



Component	Condenser Pump 6 C/B Switch
Equipment/Bucket ID	Chiller Room



Fault	Poor/dirty connection
Defect Rating	Class I

It appears the "C" phase of the switch has a poor connection and is generating some heat. Inspect the unit and either clean or replace as necessary to eliminate the weak connection.



Component	Breaker 28
Equipment/Bucket ID	Small slot room SA4



Fault	Weak or oxidized connections, overloaded or worn breaker.
Defect Rating	Class I



Component	Breaker 21
Equipment/Bucket ID	Main Slot Electrical Room SB8



Fault	Weak or oxidized connections, overloaded or worn breaker.
Defect Rating	Class I



Component	Breaker 14
Equipment/Bucket ID	Main Slot Electrical Room SB3



Fault	Weak or oxidized connections, overloaded or worn breaker.
Defect Rating	Class I



Component	Breaker 27
Equipment/Bucket ID	Main Slot Room SB1



Fault	Weak or oxidized connections, overloaded or worn breaker.
Defect Rating	



Component	
Equipment/Bucket ID	Main Hotel Electrical panel LSB2 Bucket T3L



Sp1	131.8 °F
Li1 Minimum	89.6 °F
Li1 Maximum	135.4 °F
Areas	-





Fault	Weak connection at top fuse
Defect Rating	Class I

Recommendations	
Clean and inspect the fuse clip	. Replace if necessary. Replace the fuse if possible.



Component	Fuse Clip
Equipment/Bucket ID	Roof Distribution Board EHDBR AHU 1



155.3 °F
113.4 °F
157.5 °F
-





Fault	Possible high loading
Defect Rating	Class II

Clean and inspect the fuse clips and fuses. Perform an amp draw test before and after cleaning. Ensure equipment is sized properly for the given load.



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



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