

SAMPLE REPORT

Customer	Sample
Site Address	Sample
Contact Person	Sample
Phone Number	Sample
Thermographer	Aaron Bryant ITC Level II thermographer Certification No. 2012NZ25N007.
Electrician	Sample



<u>Disclaimer</u>

All inspections (verbal or written) are my opinion of the thermal images and are valid for the time of inspection only, due to various conditions outside of my control which may affect the condition of the object after the time of inspection.

All thermal anomalies that are outside standard parameters are subject to further investigation by the client to confirm and repair any possible problems. Further investigation and/or repair should only be carried out by a licensed electrician.

This inspection is only valid for the electrical load that was present on the system at the time of inspection, by increasing or decreasing the load on this system the resulting images could change.

Overview of Fault Rating (based on temperature rise only):

0: Normal	Temp rise 0-5 °C	No action – continue to monitor.
1: Low grade	Temp rise 5-10 °C	Re-inspect at your next scheduled maintenance - continue to monitor.
2: Medium grade	Temp rise 10-35 °C	Investigate further as soon as possible, repair/replace/explain as needed.
3: Severe Grade	Temp rise >35 °C	Investigate now, repair/replace/explain immediately.

Highlighted items refer to a manufacturer's suggested operating temperature for that component (when known), being surpassed.

Report Summary

Page number	Location	Area	Temperature Difference	Fault Rating
4	Sample	Sample	4.2 °C	
5	Sample	Sample	<mark>50.9 °C</mark>	RED
6	Sample	Sample	0.6 °C	
7	Sample	Sample	<mark>52.5 °C</mark>	RED
8	Sample	Sample	30.8 °C	
9	Sample	Sample	27.0 °C	
10	Sample	Sample	5.4 °C	
11	Sample	Sample	14.0 °C	
12	Sample	Sample	<mark>129.7 °C</mark>	RED





IR_17973.jpg | 09-Jan-19 | 9:17 AM

Measurements	
Sp1	32.6 °C
Bx1 Maximum	36.8 °C
Bx1 Minimum	26.8 °C
Dt1 (Bx1.Max - Sp1)	4.2 °C

Parameters	
Object Emissivity	0.95
Atmospheric Temperature	20.0 °C



Location	
Location	Sample
Area	Sample
Equipment	Sample

Comments and Recommendations

No action required, continue to monitor.





IR_5194.jpg | 06-Jun-15 | 1:45 PM

Measurements	
Sp1	54.4 °C
Ar1 Maximum	105.3 °C
Ar1 Minimum	43.9 °C
Dt1 (Ar1.Max - Sp1)	50.9 °C

Parameters	
Object Emissivity	0.95
Atmospheric Temperature	20.0 °C



Location	
Location	Sample
Area	Sample
Equipment	Sample

Comments and Recommendations

Investigate now, repair/replace/explain immediately.





IR_9183.jpg | 06-Jul-17 | 8:57 AM

Measurements	
Sp1	4.7 °C
Bx1 Maximum	5.3 °C
Bx1 Minimum	4.4 °C
Dt1 (Bx1.Max - Sp1)	0.6 °C

Parameters	
Object Emissivity	0.90
Atmospheric Temperature	16.0 °C



Location	
Location	Sample
Area	Sample
Equipment	Sample

Comments and Recommendations

No action required, continue to monitor.





IR_0209.jpg | 29-Aug-13 | 6:56 PM

Measurements	
Sp1	40.0 °C
Bx1 Maximum	92.5 °C
Bx1 Minimum	33.5 °C
Dt1 (Bx1.Max - Sp1)	52.5 °C

Parameters	
Object Emissivity	0.95
Atmospheric Temperature	20.0 °C



Location	
Location	Sample
Area	Sample
Equipment	Sample

Comments and Recommendations

Investigate now, repair/replace/explain immediately.





IR_5344.jpg | 06-Mar-15 | 11:13 AM

Measurements	
Sp1	38.7 °C
Ar1 Maximum	69.5 °C
Ar1 Minimum	33.3 °C
Dt1 (Ar1.Max - Sp1)	30.8 °C

Parameters	
Object Emissivity	0.95
Atmospheric Temperature	20.0 °C



Location	
Location	Sample
Area	Sample
Equipment	Sample

Comments and Recommendations

Investigate further as soon as possible, repair/replace/explain as needed.





IR_5348.jpg | 06-Mar-15 | 11:15 AM

Measurements	
Sp1	40.1 °C
Ar1 Maximum	67.0 °C
Ar1 Minimum	32.7 °C
Dt1 (Ar1.Max - Sp1)	27.0 °C

Parameters	
Object Emissivity	0.95
Atmospheric Temperature	20.0 °C



Location	
Location	Sample
Area	Sample
Equipment	Sample

Comments and Recommendations

Investigate further as soon as possible, repair/replace/explain as needed.





IR_7337.jpg | 30-Apr-15 | 12:01 PM

Measurements	
Sp1	27.8 °C
Ar1 Maximum	33.2 °C
Ar1 Minimum	21.0 °C
Dt1 (Ar1.Max - Sp1)	<mark>5.4 °C</mark>

Parameters	
Object Emissivity	0.95
Atmospheric Temperature	15.0 °C



Location	
Location	Sample
Area	Sample
Equipment	Sample

Comments and Recommendations

Re-inspect at your next scheduled maintenance - continue to monitor.





IR_17927.jpg | 09-Jan-19 | 8:35 AM

Measurements	
Sp1	33.6 °C
Bx1 Maximum	47.6 °C
Bx1 Minimum	28.1 °C
Dt1 (Bx1.Max - Sp1)	14.0 °C

Parameters	
Object Emissivity	0.95
Atmospheric Temperature	20.0 °C



Location	
Location	Sample
Area	Sample
Equipment	Sample

Comments and Recommendations

Investigate further as soon as possible, repair/replace/explain as needed.





IR_0780b.jpg | 13-Feb-13 | 4:18 PM

Measurements	
Sp1	30.5 °C
Bx1 Maximum	160.2 °C
Bx1 Minimum	34.3 °C
Dt1 (Bx1.Max - Sp1)	129.7 °C

Parameters	
Object Emissivity	0.95
Atmospheric Temperature	20.0 °C



Location	
Location	Sample
Area	Sample
Equipment	Sample

Comments and Recommendations

Investigate now, repair/replace/explain immediately.