



Infrared Thermal Imaging Survey Report

Customer: XXXXXXXX XXXXXXXX

Site Address: 27 XXXXXXXX Street, XXXXX

Date: XX / YY/ 2010

Inspected by: Bob Pike (Certified Thermographer)



Inspection Site Information	
Customer	XXXXXX Limited
Address	28 XXXX Street, XXXXXXXXXX
Contact person	Joe Blogs
Phone number	1234 5678
E-mail address	(aa@bb)



Disclaimer for mechanical and electrical reports

All electrical and mechanical inspections are carried out with the client providing access to equipment whilst under normal operational loadings. If loadings are changed or increased for any reason, then further inspections should be conducted.

The intention of this report is to highlight temperature anomalies and exceptions that may indicate the possible deterioration or imminent failure of a component or system.

It should not be read as a guarantee against failure, nor should it be taken as a quantitative measure of deterioration or malfunction.

This report should be read as only as an indication that an anomaly may exist, which may or may not lead to deterioration or failure.

It is the responsibility of the person(s) who commissioned the report to further investigate the diagnosis and determine any corrective measures to be taken.

LecSafe NZ Ltd is not responsible for determining fault diagnosis or corrective action required, and as such, it is recommended that all faults be fully investigated by qualified personnel

In no event shall LecSafe NZ Ltd be liable to anyone for collateral, incidental or consequential damages in conjunction with or arising from the use of this report.

General Comment

This general comment section will normally highlight any specific issues that are shown below and include any general comments regarding overall condition of items surveyed

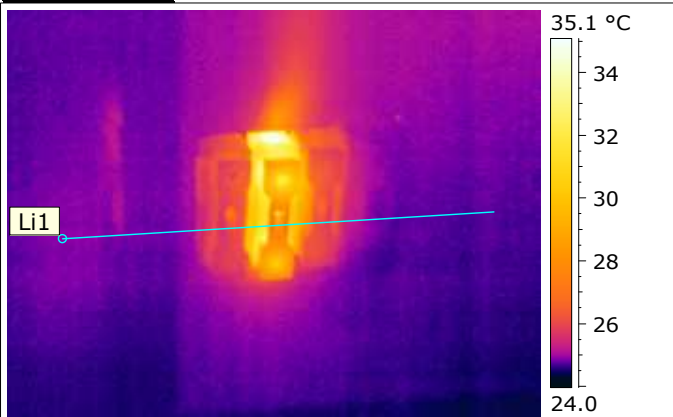
Photo and Identification



Date	23/11/2009
Filename	IR_0644.jpg
Image Camera Type	FLIR T360_ Western

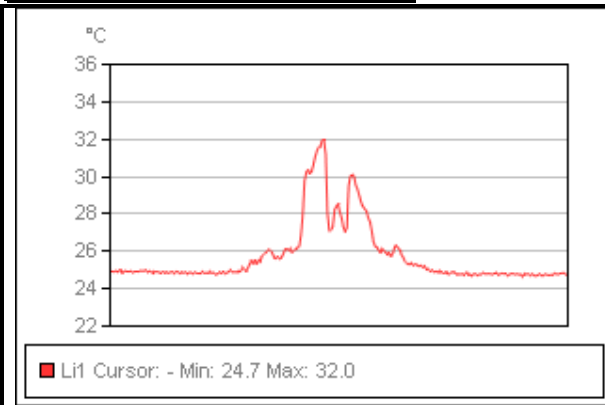
Location	XXXXXXX
Equipment	Sub Board 1

Thermogram 23/11/2009



Filename	IR_0644.jpg
Emissivity	0.95
Li1 Max. Temperature	32.0 °C

Analysis & Recommended action:



Example Comment

With this fuse showing at 7 degrees above ambient and 6 degrees higher than the two adjacent fuses, we would recommend that this be checked by a qualified electrician with a view to possibly balancing the loadings

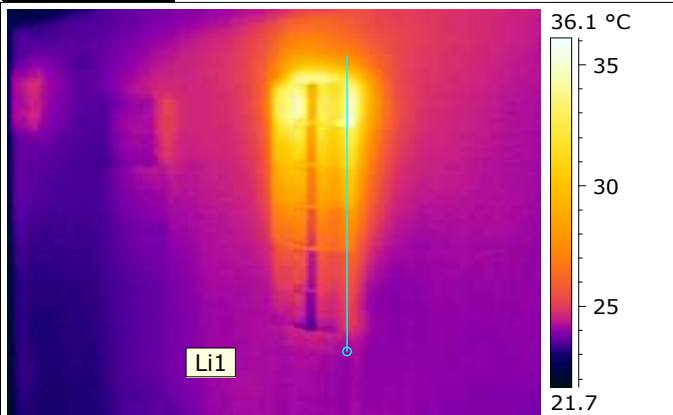
Photo and Identification



Date	14/12/2009
Filename	IR_0791.jpg
Image Camera Type	FLIR T360_ Western

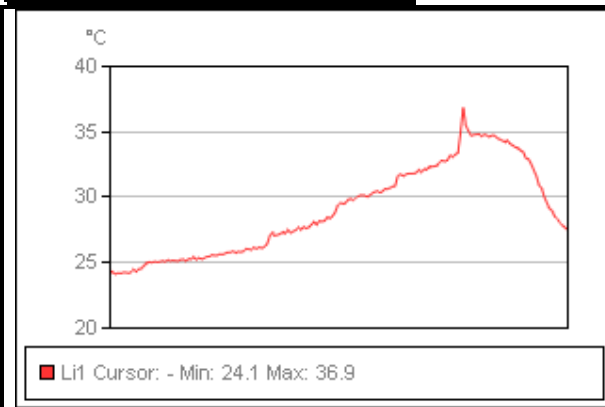
Location	XXXXXXX
Equipment	XXXX XXXX

Thermogram 14/12/2009



Filename	IR_0791.jpg
Emissivity	0.95
Li1 Max. Temperature	36.9 °C

Analysis & Recommended action:



Example Comment

With this fuse showing at 14 degrees above ambient and 7 degrees higher than the adjacent fuses, we would recommend that this be checked by a qualified electrician with a view to possibly balancing the loadings

Action taken by (Name) Signature:..... date: (date)

Repaired by:..... date:.....

Comment:.....

Action taken by (Name) Signature:..... date: (date)

Repaired by:..... date:.....

Comment:.....

LecSafe NZ Ltd
 7 Kervil Ave, Te Atatu Peninsula, Auckland 0610
 Phone : 0800 LECSAFE or (09) 834 2276

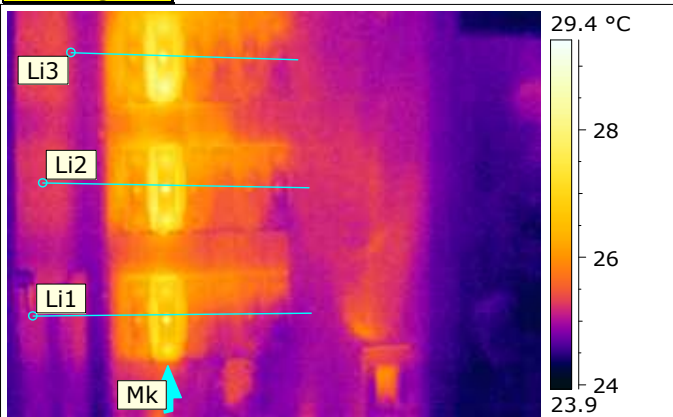
Photo and Identification



Date	14/12/2009
Filename	IR_0815.jpg
Image Camera Type	FLIR T360_ Western

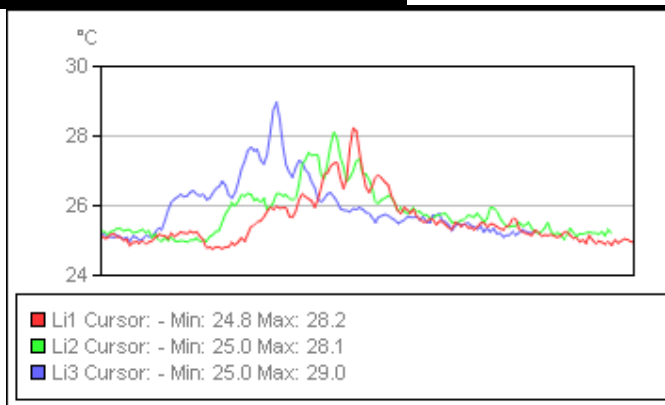
Location	Top Floor
Equipment	XXXX XXXX

Thermogram 14/12/2009



Filename	IR_0815.jpg
Emissivity	0.95
Li1 Max. Temperature	28.2 °C
Li2 Max. Temperature	28.1 °C
Li3 Max. Temperature	29.0 °C

Analysis & Recommended action:



Example Comments

All three phases on the circuit indicated are running at 4degrees higher than the other circuits. While not a huge variance, it would be worth having this checked to see if some loading could be transferred to another lesser loaded circuit.

Action taken by (Name)

Signature:.....

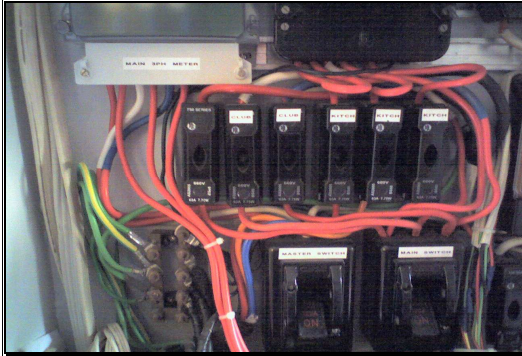
date: (date)

Repaired by:.....

date:.....

Comment:.....

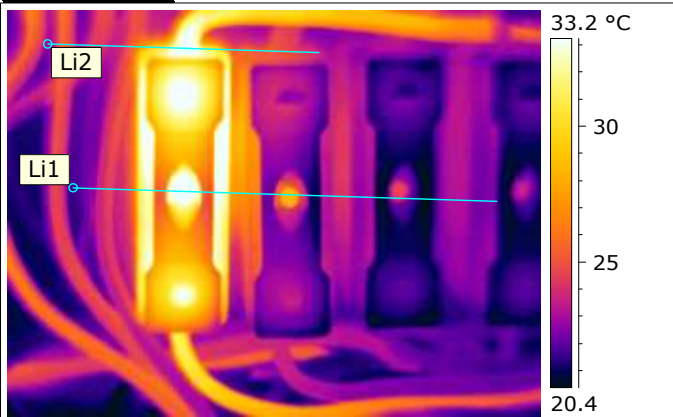
Photo and Identification



Date	14/10/2009
Filename	IR_0561.jpg
Image Camera Type	FLIR T360_ Western

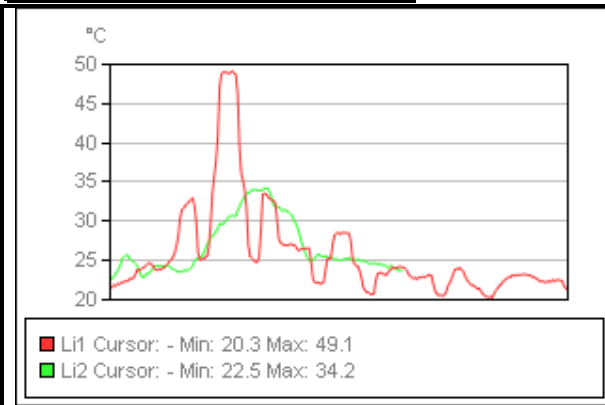
Location	Loading Dock
Equipment	XXXX XXXX

Thermogram 14/10/2009



Filename	IR_0561.jpg
Emissivity	0.95
Li1 Max. Temperature	49.1 °C
Li2 Max. Temperature	34.2 °C

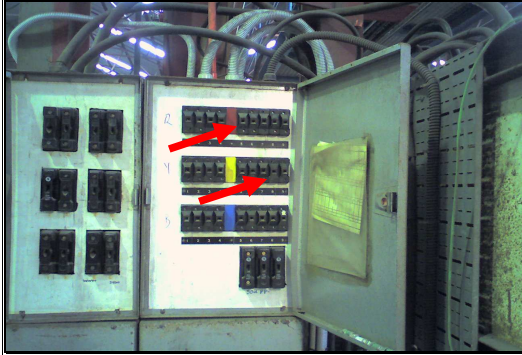
Analysis & Recommended action:



Example Comment

As these are the mains supply fuses, and the usage in the building is effectively all single phase, it would appear that this one phase is carrying a significant amount of the loading.
We would recommend that this be investigated by a qualified electrician with a view to balancing the loads

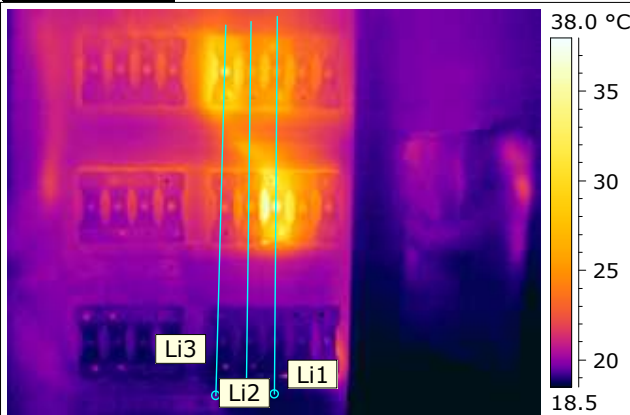
Photo and Identification



Date	15/10/2009
Filename	IR_0572.jpg
Image Camera Type	FLIR T360_ Western

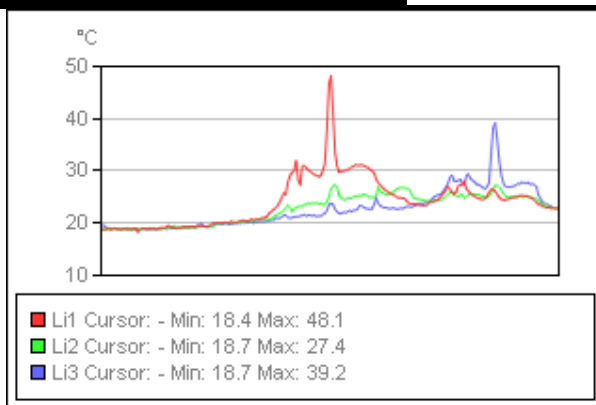
Location	Factory
Equipment	Sub board 2

Thermogram 15/10/2009



Filename	IR_0572.jpg
Emissivity	0.95
Li1 Max. Temperature	48.1 °C
Li2 Max. Temperature	27.4 °C
Li3 Max. Temperature	39.2 °C

Analysis & Recommended action:



Example Comments

With the yellow phase as indicated and running at almost 50degrees, this should be checked urgently by a qualified electrician and appropriate corrective action determined. There is also a fuse on the red phase (but different circuit) that is also showing elevated temperature but to a lesser extent but we still suggest this be also investigated.

Action taken by (Name) Signature:..... date: (date)

Repaired by:..... date:.....

Comment:.....

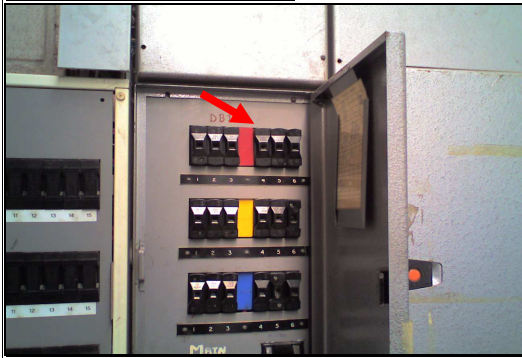
Action taken by (Name) Signature:..... date: (date)

Repaired by:..... date:.....

Comment:.....

LecSafe NZ Ltd
 7 Kervil Ave, Te Atatu Peninsula, Auckland 0610
 Phone : 0800 LECSAFE or (09) 834 2276

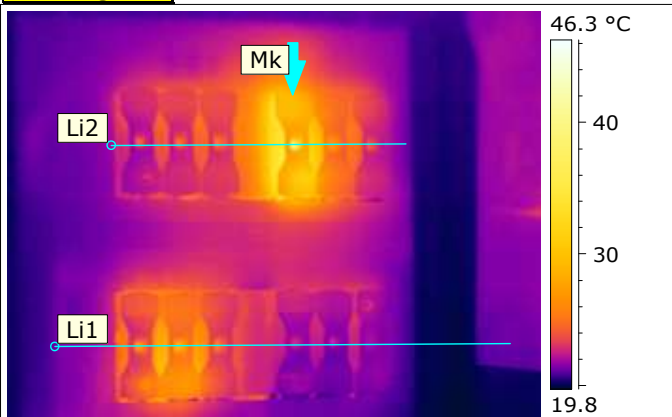
Photo and Identification



Date	23/09/2009
Filename	IR_0519.jpg
Image Camera Type	FLIR T360_ Western

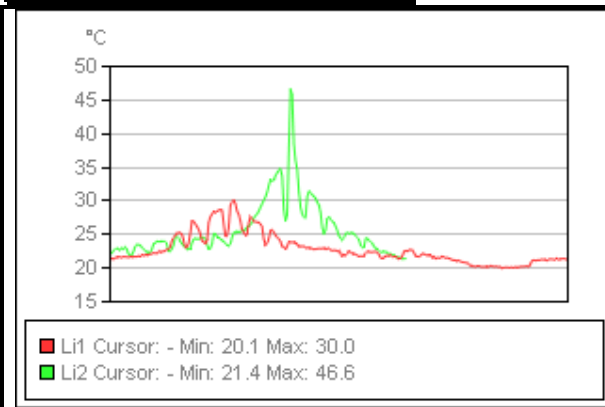
Location	XXXXXXXX
Equipment	Xxxx XXXX

Thermogram 23/09/2009



Filename	IR_0519.jpg
Emissivity	0.95
Li1 Max. Temperature	30.0 °C
Li2 Max. Temperature	46.6 °C

Analysis & Recommended action:



Example Comments

With this fuse as indicated showing 47 degrees we recommend that this be investigated and rectified by a qualified electrician

Action taken by (Name)

Signature:.....

date: (date)

Repaired by:.....

date:.....

Comment:.....