



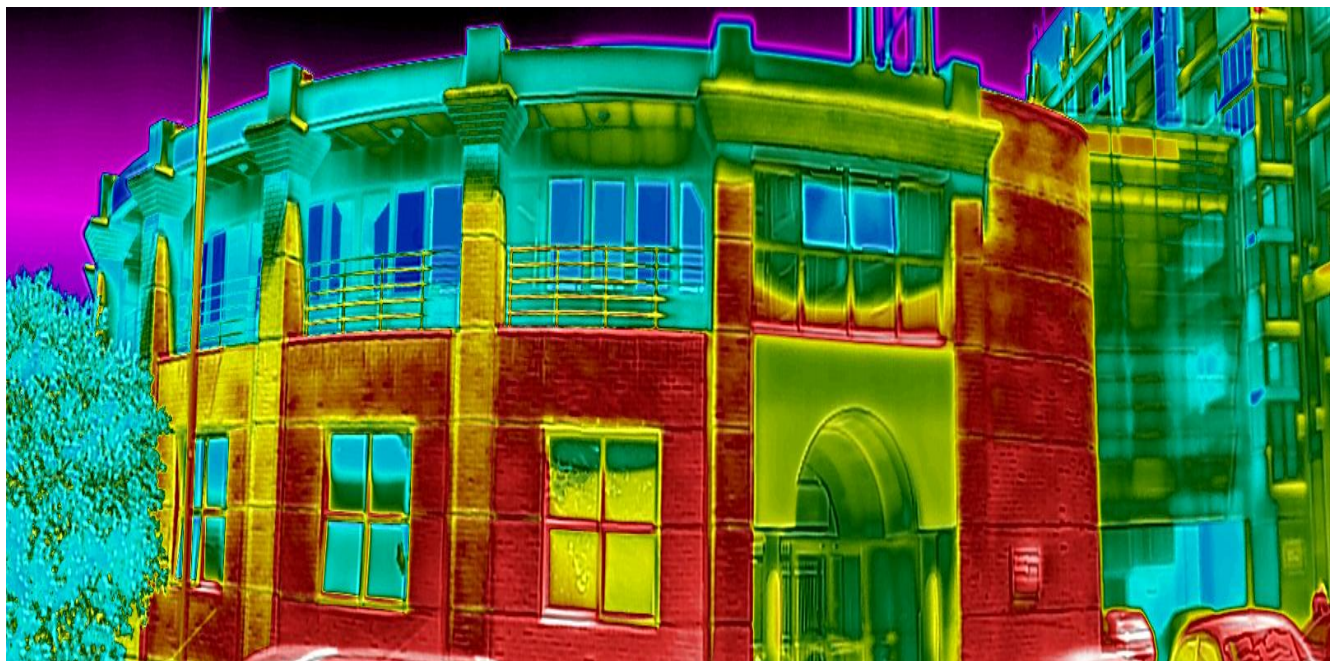
Thermographic Building Inspection

SAMPLE

2013

By

Infrared Solutions Ltd



Infrared Solutions Limited	Thermography Inspection at SAMPLE	Date: 2013
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Inspection Site Information	
Customer	SAMPLE
Address	
Contact person	
Phone number	
E-mail address	
Thermographer	Aaron Bryant ITC Level II thermographer Certification No. 2012NZ25N007.

INFORMATION

Disclaimer

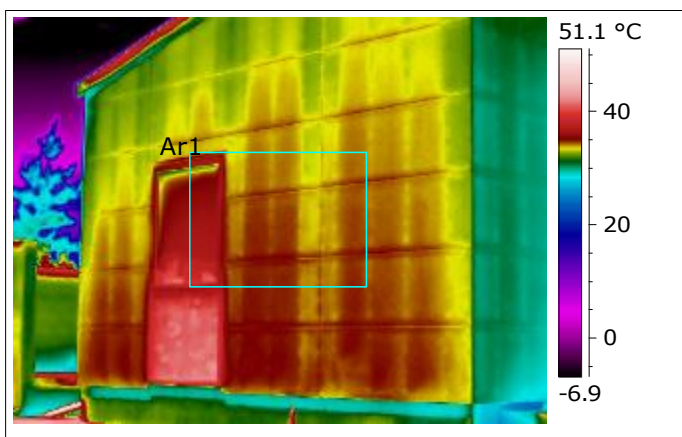
All inspections (verbal or written) are my opinion of the thermal images and are valid for the time of inspection only, due to various conditions outside of my control which may affect the condition of the object after the time of inspection.

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 tradesman.

This inspection is only valid for the water/moisture/temperature load that was present on the building system at the time of inspection, by increasing or decreasing the load on the building system the resulting images would change.

No furniture, equipment or appliances are moved during inspections unless specifically requested by the client.

Infrared Solutions Limited	Infrared Inspection at SAMPLE	Date: 2013
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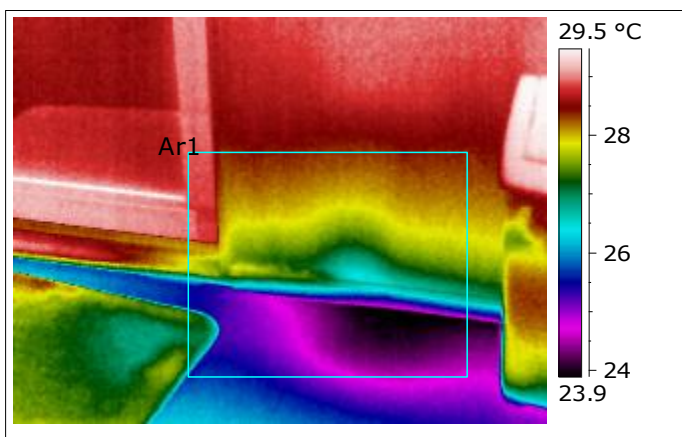


Date	14/12/2012	Location:	Sample
Image Time	2:12:39 p.m.	Other remarks:	
Image Camera Type	FLIR T640		
Emissivity	0.90		
Atmospheric Temperature	20.0 °C		
Ar1 Max. Temperature	40.8 °C		
Longitude	E 176° 52.439'		
Latitude	S 39° 25.737'		

Comment: Possible insulation issues.

Recommendation:

Infrared Solutions Limited	Infrared Inspection at SAMPLE	Date: 2013
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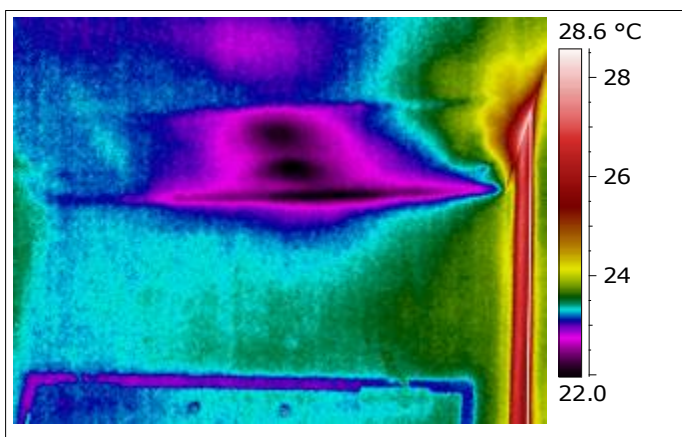


Date	17/12/2012	Client	Sample
Image Time	5:06:22 p.m.	Location	
Image Camera Type	FLIR T640	Floor	Ground floor
Emissivity	0.90	Room	Garage
Object Distance	1.0 m	Area within room	Wall / floor
Reflected Apparent Temperature	22.0 °C	Deviation	Moisture
Atmospheric Temperature	20.0 °C	Baseline moisture meter readings	10 to 20
Ar1 Max. Temperature	29.1 °C	Anomaly moisture meter readings	70 to 80

Comment: Infrared anomaly seen in this image was investigated further with a Trotec T2000s moisture meter and readings were found to be high.

Recommendation:

Infrared Solutions Limited	Infrared Inspection at SAMPLE	Date: 2013
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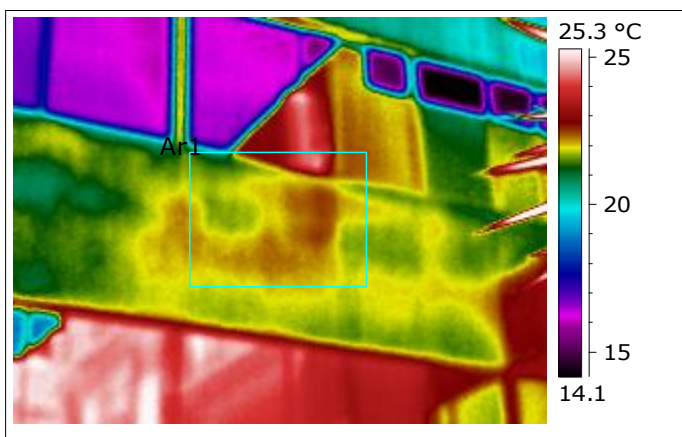


Date	31/01/2013	Location:	Sample
Image Time	1:58:45 p.m.	Other remarks:	
Image Camera Type	FLIR T640		
Emissivity	0.90		
Object Distance	3.0 m		
Atmospheric Temperature	25.0 °C		

Comment: Waterleak, unseen from a normal visual inspection.

Recommendation:

Infrared Solutions Limited	Infrared Inspection at SAMPLE	Date: 2013
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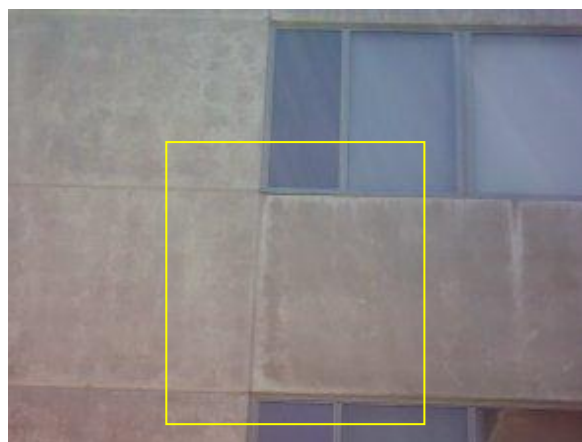
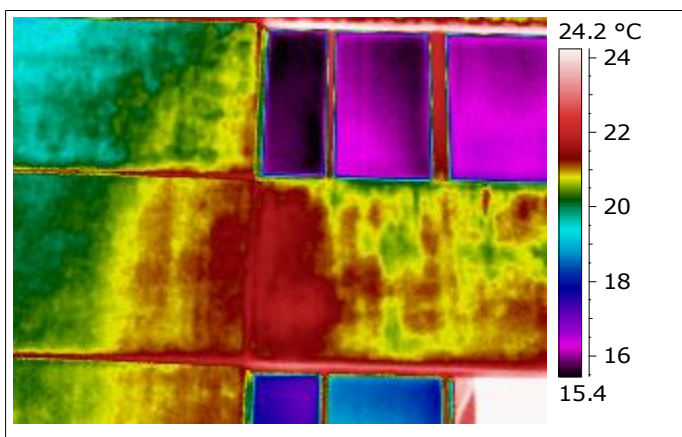


Date	31/01/2013	Location:	Sample
Image Camera Type	FLIR T640	Other remarks:	
Emissivity	0.95		
Atmospheric Temperature	22.0 °C		
Ar1 Max. Temperature	24.6 °C		

Comment: Possible water leak

Recommendation: Investigate further to determine the severity of the problem.

Infrared Solutions Limited	Infrared Inspection at SAMPLE	Date: 2013
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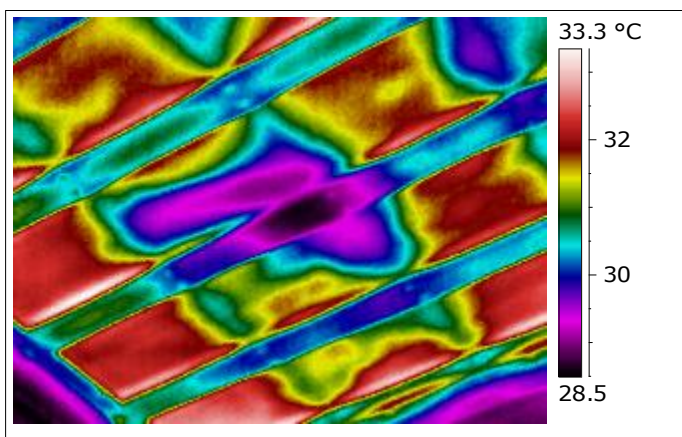


Date	31/01/2013	Location:	Sample
Image Camera Type	FLIR T640		
Emissivity	0.95		
Object Distance	20.0 m		
Atmospheric Temperature	25.0 °C		
Latitude	S 41° 17.439'		
Longitude	E 174° 46.45'		
Altitude	105.9 m		
Chart datum	WGS84		

Comment: Possible water leak

Recommendation: Investigate further to determine the severity of the problem.

Infrared Solutions Limited	Infrared Inspection at SAMPLE	Date: 2013
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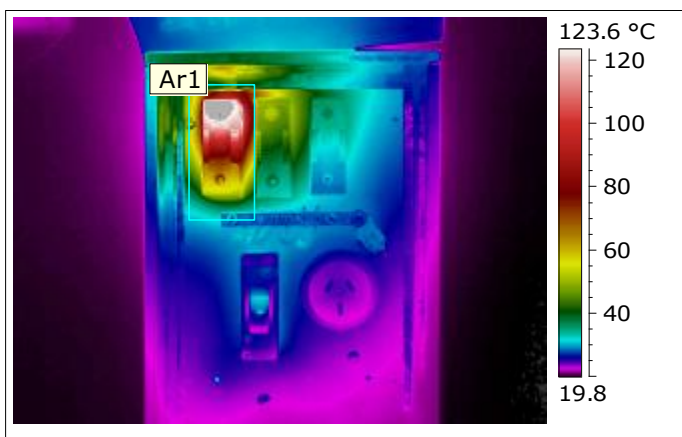


Date	1/02/2013	Location:	Sample
Image Time	3:14:19 p.m.	Other remarks:	
Image Camera Type	FLIR T640		
Emissivity	0.90		
Atmospheric Temperature	26.0 °C		

Comment: Waterleak, unseen by a visual inspection.

Recommendation:

Infrared Solutions Limited	Infrared Inspection at SAMPLE	Date: 2013
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<table> <tr> <td>Date</td><td>12/02/2013</td></tr> <tr> <td>Image Time</td><td>9:12:10 a.m.</td></tr> <tr> <td>Image Camera Type</td><td>FLIR T640</td></tr> <tr> <td>Emissivity</td><td>0.95</td></tr> <tr> <td>Object Distance</td><td>1.0 m</td></tr> <tr> <td>Atmospheric Temperature</td><td>20.0 °C</td></tr> <tr> <td>Ar1 Max. Temperature</td><td>>160.2 °C</td></tr> </table>	Date	12/02/2013	Image Time	9:12:10 a.m.	Image Camera Type	FLIR T640	Emissivity	0.95	Object Distance	1.0 m	Atmospheric Temperature	20.0 °C	Ar1 Max. Temperature	>160.2 °C	<table> <tr> <td>Location</td><td>Sample</td></tr> <tr> <td>Equipment</td><td>Distribution board</td></tr> <tr> <td>Area</td><td>Interior wall</td></tr> </table>	Location	Sample	Equipment	Distribution board	Area	Interior wall
Date	12/02/2013																				
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Ar1 Max. Temperature	>160.2 °C																				
Location	Sample																				
Equipment	Distribution board																				
Area	Interior wall																				

Comment: A unknown severe electrical fault found, this would have caused a fire in a very short amount of time.

Recommendation: Inspection was stopped and electrician immediately dealt with the problem.