

Unit 8, Weybridge Business Centre, 66 York Road, Weybridge, Surrey, KT13 9DY



Tel: 0845 458 6315 Fax: 0871 9004978 E-mail: info@thermalimaging.co.uk Web: www.thermalimaging.co.uk

PART L2 and BRE 176 BUILDING THERMOGRAPHIC INSPECTION FOR:

SAMPLE

LOCATION:

ADDRESS 1

ADDRESS 2

ADDRESS 3

ADDRESS 4

POST CODE

DATE

22/04/11

TI JOB NO.

TI_156xx







Unit 8, Weybridge Business Centre, 66 York Road, Weybridge, Surrey, KT13 9DY





Introduction to your Ti Thermal Imaging LTD internal building inspection

	Inspection Details					
Survey commissioned by	Sample Construction					
Contact Name	-					
Purpose of Survey	Part L2 Insulation Continuity Investigation					
Reason for survey	Part of specification to check the presence of Rockwall insulation					
Survey Inspection Notes	After initial site inspection and briefing with the site supervisor, relevant PPE was utilised. Internal and external surface temperatures were recorded and then external and internal threshold temperatures were calculated and ambient temperatures were also recorded. Images were then captured of all elevations and a green isotherm presents itself at areas of anomalous temperature readings or specifically where the TCso/TCsi has been breached. These images were then processed into Visual Fault Documentation Pages for review. An executive summary has been produced summarising the fault areas with suspected root cause and recommended remedial action.					
Property Construction Details	2012 built internal cladding with 180mm side, 240mm roof Rockwool, cavity wall 100mm					
Applicable Formulas	YES					
Inspection Commencing	05.00					
Weather	Dry					
Wind Speed	2mph					
Ambient Temperature Internal	16°C					
Ambient Temperature External	5°C					
Temperature Delta between Internal and External	11°C					
	Inspection Specification					
Camera Make and Model	FLIR ThermaCAM P620					
Camera Serial Number	SN404004189					
Software	Tablet PC Inspectrend Client Webmanager Enabled					
Thermographer	Richard Wallace					
Thermographer Certification ID	49595					
Survey BS Accordance	BS EN 13187: 1999 Thermal Performance of Buildings					
Company Accreditation	ISO 9001-2008 GB2003936					
Calibration Date	Feb 2013					







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			Forn	nulas Expla	nined	
Name	Componen	t				Explanation or Formula
fCRsi	Critical Temperature Factor	•		Given consta	ant outlined in	n BRE paper IP17/01 and relates to mould growth or
	p contract the contract to the					ed for assessment of insulation in properties.
						dustrial units use: 0.75
			ŀ	High humidit	y buildings su	uch as swimming pools use: 0.9
Tsi	Average Internal Surface Tem	oerature	N	Mean tempe	rature taken	from multiple surface temperature readings
Tso	Average External Surface Tem		N	Mean tempe	rature taken	from multiple surface temperature readings
TCsi	Internal Threshold Temperat	ure	f	CRsi(Tsi-T	so)+Tso	•
TCso	External Threshold Tempera	ture	f	CRsi(Tso-T	si)+Tsi	
			Insp	ection Form	mula	
Critical Te	Critical Temperature Factor 0.75 WAREHOUSE ONLY					
Mean ext	ernal elevation temperature (Tsi)	Avg	Temp 1	Temp 2	Temp 3	
		3.33	3.5	3.2	3.3	
Mean Inte	ernal elevation temperature (Tso)	Avg	Temp 1	Temp 2	Temp 3	
		16.13	15.9	16.2	16.3	
TCsi = 0.	75*(Tso-Tsi)+Tsi	12.93	(Green Isc	otherm on t	hermograms	s if temperatures found above this level)
TCso = 0	0.75*(Tsi-Tso)+Tso	6.53	(Green isc	otherm on t	hermograms	s if temperatures found below this level)
			-		<u>-</u>	
Critical Te	emperature Factor	0.75	OFFICE O	NLY		
Mean ext	ernal elevation temperature (Tsi)	Avg	Temp 1	Temp 2	Temp 3	
	. , ,	6.33	6.5	6.2	6.3	
Mean Inte	ernal elevation temperature (Tso)	Avg	Temp 1	Temp 2	Temp 3	
				18.2	18.3	
TCsi = 0.	75*(Tso-Tsi)+Tsi	15.18	(Green Isc	otherm on t	hermograms	s if temperatures found above this level)
).75*(Tsi-Tso)+Tso	9.28				s if temperatures found below this level)







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Executive and Energy Performance Summary

Table of Thermal Faults found for this inspection

The following table is a summary of the action that should be taken following the results of this report. An 'x' marked in the cell indicates the issue and if a problem was found. Cell shading has been applied to assist understanding. Green requires no action, yellow is for indicative or investigative purposes only and red requires remedial action:

- 1. Not applicable no faults found: The inspection resulted in no faults being found for this problem type
- 2. No Action: No remedial action is required
- 3. **Fault found no action, information purposes only:** Fault found but the significance is minimal or consequences to living/building conditions are deemed insignificant
- 4. Repair all faults found: All faults listed to be investigated to discover/confirm the root cause of the thermal anomaly and then repaired.

Suspected Fault	Not Applicable, no faults found	No Action	Fault found, for information purposes or for further investigation	Investigate and repair all faults found
Insulation Continuity			X	
Energy loss through window panes				
Air Leakage				X
Thermal/Cold Bridging	X			
Damp	X			
Delamination	X			
(Other Problems)	X			







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Energy savings

The following table indicates how energy savings could be established for this inspection. **Initial visual inspection must be undertaken to confirm or determine the root cause of the overall suspected visual problem:**

Fault	Possible Remedial Action	Effect of Energy Performance	Applicable to this inspection
Insulation Continuity:- Excess energy is being lost through the building fabric/envelope due to missing or defective insulation	Either add additional insulation to the area if found to be missing. Old or damaged insulation may require repair or replacement depending on economic assessment showing the most cost efficient and effective form of action	Reduction in thermal transfer through the building envelope. This will require less energy to heat the property reducing CO ² output, KwHr of energy used and a cost saving per year	Yes Faults found but the area was left open for a week and the problem will cease once the area is checked and found to be fully sealed and dry
Energy loss through window panes:- Excess energy is being lost through the window panes themselves	Assessment must be carried out to determine if the windows can be adjusted to incorporate double/triple glazing from internal or external perspectives or of a complete replacement is required	Reduction in thermal transfer through the window panes. This will require less energy to heat the property reducing CO ² output, KwHr of energy used and a cost saving per year	No
Air Leakage:- Path of air leakage is found through the building envelope causing excess energy to be lost or drafts internally	Seals should be assessed for their integrity and then either repaired, replaced or added if they are found to be not present. Any damage found should be repaired accordingly or parts replaced if found to be defective or beyond repair	Heat will be kept within the building envelope and drafts will be reduced allowing for better internal conditions. This will require less energy to heat the property reducing CO² output, KwHr of energy used and a cost saving per year	Yes







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Thermal/Cold Bridging:- Path of cold/thermal transfer through the building envelope at an unacceptable temperature differentials which could lead to other problems involving condensation and damp	The path of the cold or thermal bridge needs to be assessed in order to determine the correct course of remedial action. This could include increasing or improving insulation in this area or the detail itself may benefit from a redesign or replacement if found to be defective	Reduction in thermal transfer through the building envelope. This will require less energy to heat the property reducing CO² output, KwHr of energy used and a cost saving per year. Additionally associated problems such as condensation and damp which can lead to mould growth will be avoided	No
Damp:- Wet areas of the building envelope or insulation	Root cause of the damp needs to be ascertained first. This will determine if it is due to condensation or water ingress from an envelope penetration or system water. A chlorine test will assist as system water will be chlorinated. If there is a penetration this area must be sealed or the water leak stopped. If condensation is found then dew point has been reached so surface temperature must be raised either through the addition of insulation or a redesign or replacement of the part where condensation is forming.	Damp insulation is not as effective in the reduction of thermal transfer so if the area of damp is effectively fixed less energy will be required to heat the property reducing CO ² output, KwHr of energy used and a cost saving per year. Additionally associated problems such as mould growth will be avoided allowing for a healthier living environment	No
Delamination:- Insulation panelling begins to become unstuck or apart	Assessment is required to determine of the panels can be repaired or if they need to be replaced	Reduction in thermal transfer through the building envelope. This will require less energy to heat the property reducing CO ² output, KwHr of energy used and a cost saving per year	No







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Explanation of fault severity

Each of the Visual Documentation problems identified in the proceeding pages has been assigned a fault severity rating. We have arrived at this rating using the following table. Our reference point is either the TCso or TCsi depending on if the area was inspected from an internal or external perspective. An external inspection would utilise TCso and an internal inspection would utilise TCsi:

Fault Ratings	Minor (4)	Important (3)	Serious (2)	Critical (1)
Temp above TCso/TCsi	0-2	2-4	4-8	8+

Important Note:

The proceeding pages will now summarise and document in full the findings for this inspection. Please note that Ti Thermal Imaging locate the areas of excessive thermal anomaly and we offer suggestions to the root cause and possible remedial action only based on our experience. Ti cannot accept responsibility for the actual root cause of the anomaly and remedial action should be based on further visual inspection by the appropriate agent.





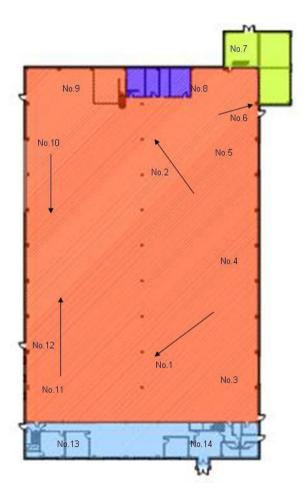


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Inventory of Image Capture shown by Baseline Page Number:









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Webmanager tutorial snapshot:

Login to Webmanager at the following locations using your username and password:

http://193.228.155.40/inspectrend or www.thermalimaging.co.uk

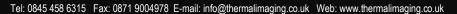
Navigate to the area you need using one of the 6 tabs at the top of the screen:







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Cover Page for Visual

Executive and Operations summary of problems found

Also available on your Webmanager Overview page Please use your login details provided

http://193.228.155.40/inspectrend







INFRARED THERMOGRAPHIC INSPECTION OF VISUAL PROBLEMS

Page 1	
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Provided for	Report Date: 23/04/2012

Overview:

The Infrared Inspection was performed by TI Thermal Imaging, by a certified infrared Thermographer. All of the items inspected are listed in this InspecTrend report. Any anomalies are listed in order of priority based on the component's temperature rise, as measured from a reference component of equal type and load at the time of the inspection. TI Thermal Imaging assumes no liability directly or indirectly as a result of this inspection.

Prior Inspectio	n No: Priority	Temp Rise	Current Inspection	Prior Inspection	Percent of Change
2 3	-Critical -Serious -Important -Minor		0 = 0% 0 = 0% 2 = 33% 4 = 67%	NA NA NA NA	NA NA NA NA
_		Total Tested Problems:	6	NA	NA
N	umber of New Do	cumented Problems:	6 =100%	NA	NA
N	umber of Tested	e-occuring Problems:	0 = 0%	NA	NA
Number of prior probl	ems which were I	Not Tested this inspection:	NA		
Number of Total Ope	n Problems	:	6		
Number of prior probl	ems which tested	Normal this inspection :	NA		

I hereby certify the above project was inspected by myself or under my direction and that the enclosed data is the direct result of this inspection.

TI Thermal Imaging

Wallace, Richard

Certification Level/No.: ITC Level II

^{*} Summary of reoccuring problems on following page(s)



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List of Open Problems

Full list of thermal, mechanical and visual issues found

Also available on your Webmanager Problems page Please use your login details provided

http://193.228.155.40/inspectrend







List of All Open Problems

Page: 1 of 1

Operation Priority Key

CTO = Critical to operation

ETO = Essential to operation

NON = Non-essential to operation

UNC = Un-Classified

Report Date: 23/04/2012

Prior Inspection No:

Current Inspection No: 1820 April 23, 2012

Cur	rent Inspection No : 1820	April 23, 2012		Temp	%		
Prob#	Asset ID		Insp#	Rise	<u>Load</u>	Severity	<u>Status</u>
V 5	-	Equipment: SIDE ELEVATIONS \ EAST \ NORTH SIDE Component: Elevated temperature at AR1	1820			3-Important	TESTED
V 4	-	Equipment: SIDE ELEVATIONS \ EAST \ SOUTH SIDE Component: Elevated temperature at AR1	1820			3-Important	TESTED
V 6	-	Equipment: SIDE ELEVATIONS \ NORTH \ ACCESS DOOR Component: Elevated temperature at AR1	1820			4-Minor	TESTED
V3	-	Equipment: SIDE ELEVATIONS \ SOUTH \ ABOVE REAR ACCESS DOOR Component: Elevated temperature at AR1	1820			4-Minor	TESTED
V 2	-	Equipment: SIDE ELEVATIONS \ SOUTH \ EAST Component: Elevated temperature at AR1 and AR2	1820			4-Minor	TESTED
V 1	-	Equipment: SIDE ELEVATIONS \ SOUTH \ WEST Component: Elevated temperature at AR1	1820			4-Minor	TESTED



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Inspection Inventory Pages

Equipment listing and test status

Also available on your Webmanager Inventory page with Photos Please use your login details provided

http://193.228.155.40/inspectrend







Current Inspection Inventory Status By Inspection Order

Prior Inspection No:

Equipment Description

SIDE ELEVATIONS

WEST

EAST

CENTRE

PLANTROOM

SOUTH SIDE NORTH SIDE

VIEWED FROM EAST

VIEWED FROM WEST

ACCESS DOOR

NORTH SIDE

SOUTH SIDE

ABOVE REAR ACCESS DOOR

ROOF

EAST WEST

SOUTH

EAST

NORTH

WEST

Current Inspection No: 1820

Inspected By: Wallace, Richard

Report Date: 23/04/2012

Work Order

NI

NI

NI

Asset ID

NI NI NI NI NI NI NI -

NI -NI -NI - Problem Type Key

TD = T/D Electrical
M = Mechanical

V = Visual Inspection

Operation Priority Key

CTO = Critical to operation ETO = Essential to operation

NON = Non-essential to operation

UNC = Un-Classified

Equipment Test Status Key

TBT = To Be Tested

NT/NL = Not Tested/No Load

NT/TC = Not Tested/Time Constraint

NT/UR = Not Tested/Under Repair

NT/LO = Not Tested/Locked Out

NT/NA = Not Tested/Not Available

NT/NS = Not Tested/Not Specified

NSFI = Not Selected for this insp.

СТО	Tested	Problem #	Test Status Notes
СТО		FIUDIEIII#	Test Status Motes
	TESTED		
СТО	TESTED		
СТО	TESTED		
СТО	TESTED		
CTO	TESTED		
СТО	TESTED	V1	
СТО	TESTED		
СТО	TESTED	V2	
СТО	TESTED	V3	
СТО	TESTED		
СТО	TESTED		
СТО	TESTED	V4	
СТО	TESTED	V5	
СТО	TESTED		
СТО	TESTED		
СТО	TESTED		
СТО	TESTED	V6	
СТО	TESTED		
СТО	TESTED		
СТО	TESTED		
	•		



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Documentation pages for Visual findings

Details of Visual problems found

Also available on your Webmanager Problems page Please use your login details provided

http://193.228.155.40/inspectrend







Work Order#: NOT ISSUED

Page 1

Current Prob No: Visual/1

Is Chronic: No

Operation Priority: Critical to operation

Repair Priority:

4-Minor

InspectionNo: 1820 Report Date: 23/04/2012

Classification:

Observations: What is the Cause:

Recommendations:

Buildings

Asset ID: -

SOUTH

WEST

SIDE ELEVATIONS

Elevated temperature at AR1

Location/Equipment Information

Suspected air leakage

Check seals and repair or replace where necessary





File: IR_1379A.jpg File: DC_1378.jpg Date: 23/04/2012 Date: 23/04/2012

Technician:



Work Order#: **NOT ISSUED**

Page 2

Current Prob No: Visual/2

Is Chronic: No

Operation Priority: Critical to operation

Repair Priority:

4-Minor

InspectionNo: 1820 Report Date: 23/04/2012

Classification:

Observations: What is the Cause:

Recommendations:

Buildings

Asset ID: -

SOUTH

EAST

SIDE ELEVATIONS

Elevated temperature at AR1 and AR2

Location/Equipment Information

Suspected air leakage

Check seals and repair or replace where necessary





File: IR_1383A.jpg File: DC_1384.jpg

Date: 23/04/2012 Date: 23/04/2012

Technician:



Work Order#: **NOT ISSUED**

Page 3

Current Prob No: Visual/3

Is Chronic: No

Operation Priority: Critical to operation

Repair Priority: 4-Minor

InspectionNo: 1820 Report Date: 23/04/2012

Classification:

Observations: What is the Cause:

Recommendations:

Buildings

Asset ID: -

SOUTH

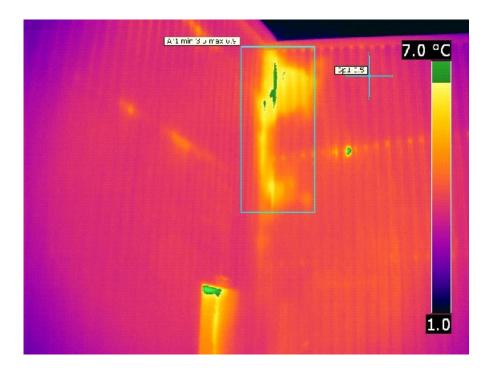
SIDE ELEVATIONS

Elevated temperature at AR1 Suspected insulation incontinuity

Location/Equipment Information

ABOVE REAR ACCESS DOOR

Repair, add or replace insulation as necessary





File: IR_1385A.jpg File: DC_1386.jpg

Date: 23/04/2012 Date: 23/04/2012

Technician:



Work Order#: NOT ISSUED

Page 4

Location/Equipment Information

Asset ID: -

SIDE ELEVATIONS EAST SOUTH SIDE Current Prob No: Visual/4

Is Chronic: No

Operation Priority: Critical to operation

Repair Priority: 3-Important

InspectionNo: 1820 Report Date: 23/04/2012

Classification:

Observations:

What is the Cause:

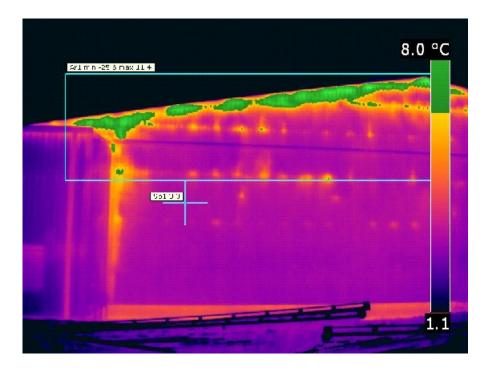
Recommendations:

Buildings

Elevated temperature at AR1

Insulation suspected of damp due to poor panel seals

Repair or replace panel seals to prevent water ingress





File: IR_1389A.jpg File: DC_1390.jpg

Date: 23/04/2012 Date: 23/04/2012

Technician:



Order#: NOT ISSUED

Page 5

Work Order#: NOT ISS

Current Prob No: Visual/5

Is Chronic: No

Operation Priority: Critical to operation

Repair Priority: 3-Important

InspectionNo: 1820 Report Date: 23/04/2012

Classification:

Observations:

What is the Cause: Recommendations:

Buildings

Asset ID: -

EAST

SIDE ELEVATIONS

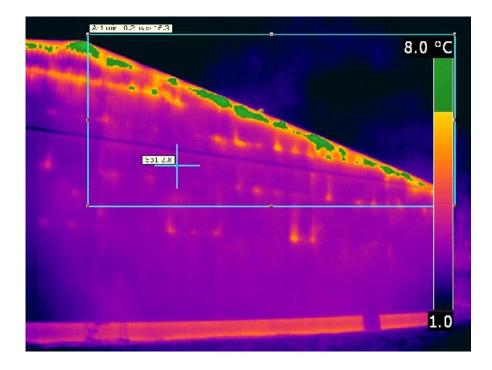
NORTH SIDE

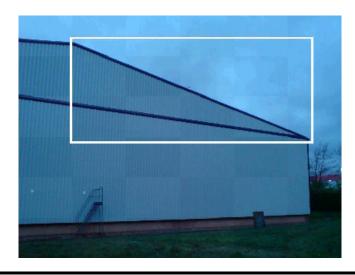
Elevated temperature at AR1

Location/Equipment Information

Insulation suspected of damp due to poor panel seals

Repair or replace panel seals to prevent water ingress





File: IR_1391A.jpg Date: 23/04/2012 File: DC_1392.jpg Date: 23/04/2012

Technician: Wallace, Richard



Work Order#: **NOT ISSUED**

Page 6

Location/Equipment Information

Asset ID: -

SIDE ELEVATIONS NORTH ACCESS DOOR

Is Chronic:

No Operation Priority: Critical to operation

Repair Priority:

Current Prob No: Visual/6

4-Minor

InspectionNo: 1820 Report Date: 23/04/2012

Classification:

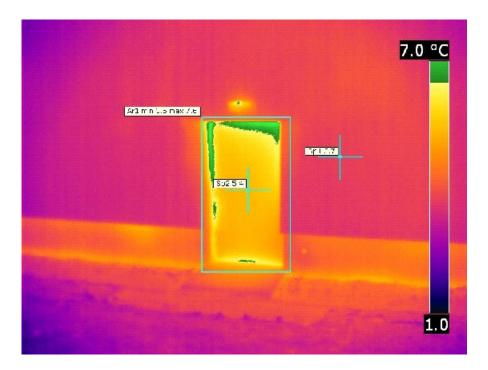
Observations:

What is the Cause: Recommendations: Buildings

Elevated temperature at AR1

Suspected air leakage

Check seals and repair or replace where necessary





File: IR_1399A.jpg File: DC_1400.jpg

Date: 23/04/2012 Date: 23/04/2012

Technician:



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Benchmark Baseline Trending

Full list of equipment baseline trends is also available on your Webmanager Please use your login details provided

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Page: 1

Current Inspection No: 1820 April 23, 2012

Report Date: 23/04/2012

ROOF \ EAST

Equipment ID: - Work Order: NI







IR_1405.jpg DC_1406.jpg

Inspection No	Date Inspected	Test Status	Measured Temp	Threshold Temp	Ambient Temp Status Note	Customer Notes
1820	23/04/2012	TESTED	4 C	7 C	6 C	



Page: 2

Current Inspection No: 1820 April 23, 2012

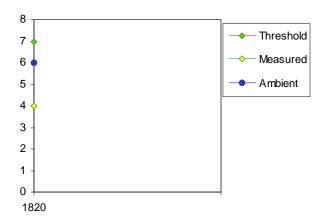
Report Date: 23/04/2012

ROOF \ WEST

Equipment ID: - Work Order: NI







IR_1407.jpg DC_1408.jpg

Inspection No	Date Inspected	Test Status	Measured Temp	Threshold Temp	Ambient Temp Status Note	Customer Notes
1820	23/04/2012	TESTED	4 C	7 C	6 C	



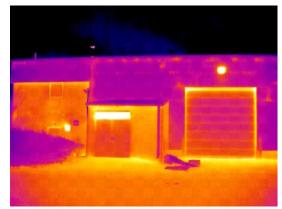
Page: 3

Current Inspection No: 1820 April 23, 2012

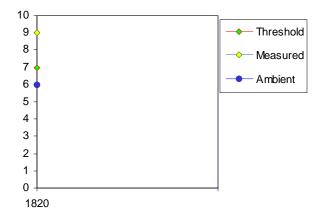
Report Date: 23/04/2012

SIDE ELEVATIONS \ SOUTH \ WEST

Equipment ID: - Work Order: NI







IR_1379.jpg DC_1380.jpg

Inspection No	Date Inspected	Test Status	Measured Temp	Threshold Temp	Ambient Temp Status Note	Customer Notes
1820	23/04/2012	TESTED	9 C	7 C	6 C	



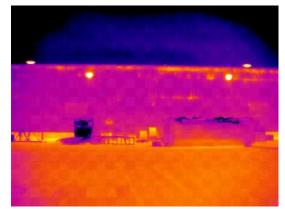
Page: 4

Current Inspection No: 1820 April 23, 2012

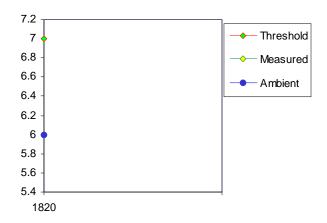
Report Date: 23/04/2012

SIDE ELEVATIONS \ SOUTH \ CENTRE

Equipment ID: - Work Order: NI







IR_1381.jpg DC_1382.jpg

Inspection No	Date Inspected	Test Status	Measured Temp	Threshold Temp	Ambient Temp Status Note	Customer Notes
1820	23/04/2012	TESTED	6 C	7 C	6 C	



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Current Inspection No: 1820 April 23, 2012

Report Date: 23/04/2012

SIDE ELEVATIONS \ SOUTH \ EAST

Equipment ID: - Work Order: NI







IR_1383.jpg DC_1384.jpg

Inspection No	Date Inspected	Test Status	Measured Temp	Threshold Temp	Ambient Temp Status Note	Customer Notes
1820	23/04/2012	TESTED	6 C	7 C	6 C	



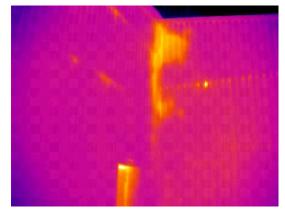
Page: 6

Current Inspection No: 1820 April 23, 2012

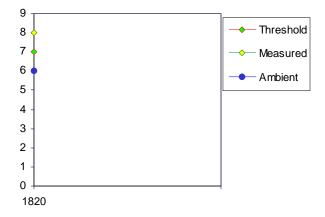
Report Date: 23/04/2012

SIDE ELEVATIONS \ SOUTH \ ABOVE REAR ACCESS DOOR

Equipment ID: - Work Order: NI







IR_1385.jpg DC_1386.jpg

Inspection No	Date Inspected	Test Status	Measured Temp	Threshold Temp	Ambient Temp Status Note	Customer Notes
1820	23/04/2012	TESTED	8 C	7 C	6 C	



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Current Inspection No: 1820 April 23, 2012

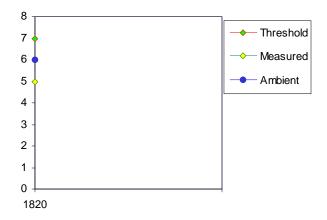
Report Date: 23/04/2012

SIDE ELEVATIONS \ EAST \ PLANTROOM

Equipment ID: - Work Order: NI







IR_1387.jpg DC_1388.jpg

Inspection No	Date Inspected	Test Status	Measured Temp	Threshold Temp	Ambient Temp Status Note	Customer Notes
1820	23/04/2012	TESTED	5 C	7 C	6 C	



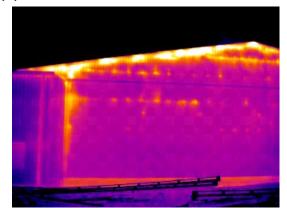
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Current Inspection No: 1820 April 23, 2012

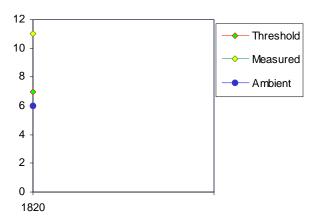
Report Date: 23/04/2012

SIDE ELEVATIONS \ EAST \ SOUTH SIDE

Equipment ID: - Work Order: NI







IR_1389.jpg DC_1390.jpg

Inspection No	Date Inspected	Test Status	Measured Temp	Threshold Temp	Ambient Temp Status Note	Customer Notes
1820	23/04/2012	TESTED	11 C	7 C	6 C	



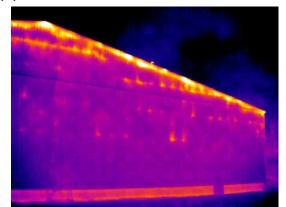
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Current Inspection No: 1820 April 23, 2012

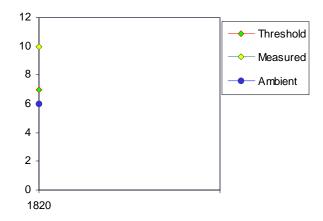
Report Date: 23/04/2012

SIDE ELEVATIONS \ EAST \ NORTH SIDE

Equipment ID: - Work Order: NI







IR_1391.jpg DC_1392.jpg

Inspection No	Date Inspected	Test Status	Measured Temp	Threshold Temp	Ambient Temp Status Note	Customer Notes
1820	23/04/2012	TESTED	10 C	7 C	6 C	



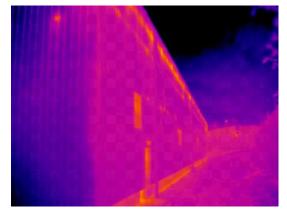
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Current Inspection No: 1820 April 23, 2012

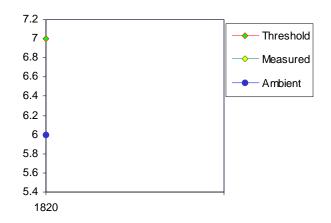
Report Date: 23/04/2012

SIDE ELEVATIONS \ NORTH \ VIEWED FROM EAST

Equipment ID: - Work Order: NI







IR_1393.jpg DC_1394.jpg

Inspection No	Date Inspected	Test Status	Measured Temp	Threshold Temp	Ambient Temp Status Note	Customer Notes
1820	23/04/2012	TESTED	6 C	7 C	6 C	



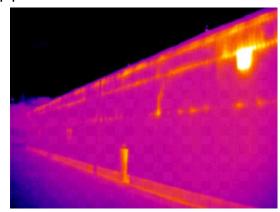
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Current Inspection No: 1820 April 23, 2012

Report Date: 23/04/2012

SIDE ELEVATIONS \ NORTH \ VIEWED FROM WEST

Equipment ID: - Work Order: NI







IR_1395.jpg DC_1396.jpg

Inspection No	Date Inspected	Test Status	Measured Temp	Threshold Temp	Ambient Temp Status Note	Customer Notes
1820	23/04/2012	TESTED	6 C	7 C	6 C	



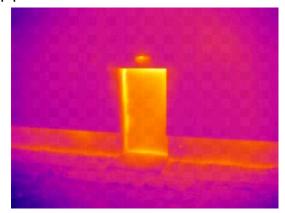
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Current Inspection No: 1820 April 23, 2012

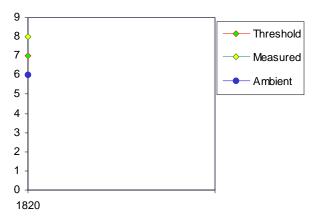
Report Date: 23/04/2012

SIDE ELEVATIONS \ NORTH \ ACCESS DOOR

Equipment ID: - Work Order: NI







IR_1399.jpg DC_1400.jpg

Inspection No	Date Inspected	Test Status	Measured Temp	Threshold Temp	Ambient Temp Status Note	Customer Notes
1820	23/04/2012	TESTED	8 C	7 C	6 C	



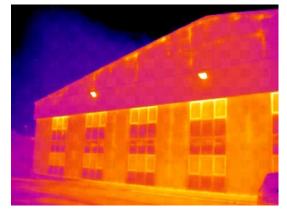
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Current Inspection No: 1820 April 23, 2012

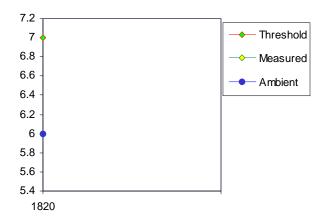
Report Date: 23/04/2012

SIDE ELEVATIONS \ WEST \ NORTH SIDE

Equipment ID: - Work Order: NI







IR_1401.jpg DC_1402.jpg

Inspection No	Date Inspected	Test Status	Measured Temp	Threshold Temp	Ambient Temp Status Note	Customer Notes
1820	23/04/2012	TESTED	6 C	7 C	6 C	



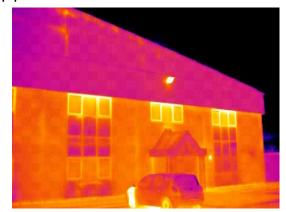
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Current Inspection No: 1820 April 23, 2012

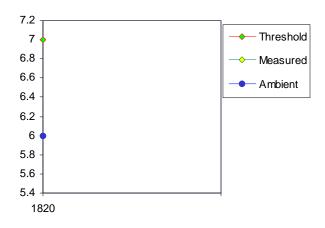
Report Date: 23/04/2012

SIDE ELEVATIONS \ WEST \ SOUTH SIDE

Equipment ID: - Work Order: NI





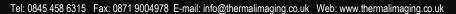


IR_1403.jpg DC_1404.jpg

Inspection No	Date Inspected	Test Status	Measured Temp	Threshold Temp	Ambient Temp Status Note	Customer Notes
1820	23/04/2012	TESTED	6 C	7 C	6 C	



Unit 8, Weybridge Business Centre, 66 York Road, Weybridge, Surrey, KT13 9DY





Work Order Documentation pages

Fax or Email back Corrective Work Orders

Also available on your Webmanager Problems page Please use your login details provided

http://193.228.155.40/inspectrend







Page: 1

Work Order #: NOT ISSUED Corrective Work Order #:

Current Prob No: Visual/1

InspectionNo: 1820

Report Date: 23/04/2012

Location/Equipment Information

Asset ID: Barcode: NI

Location: SIDE ELEVATIONS

SOUTH **WEST** PLEASE ADD CORRECTIVE WORK ORDERS ABOVE

4-Minor Repair Priority:

1820-1

Hazard Type: Visual

Hazard Classification: Buildings

Hazard Group: Elevated temperature

Hazard Issue: at AR1

Observations: Elevated temperature at AR1

What is the Cause: Suspected air leakage





Photo File: IR_1379A.jpg Photo Date: 23/04/2012 Photo File: DC_1378.jpg Photo Date: 23/04/2012

Repair Information Consequences of Failure:	PLEASE FAX BACK AFTER REPAIR 0871 900 4978 OR INFO@THERMALIMAGING.CO.UI Repair Date:	Loss to Production
	Root Cause:	
Parts Req. Before Failure:		
Parts Req. After Failure:	Repair Procedure:	Check seals and repair or replace where necessary
Donain Danaman dation	Repair Notes:	
Repair Recommendation: Check seals and repair or repla	ce where necessary	
	oc where necessary	



Page: 2

Work Order #: NOT ISSUED Corrective Work Order #:

Current Prob No: Visual/2

InspectionNo: 1820

Report Date: 23/04/2012

Location/Equipment Information

Asset ID: Barcode: NI

Location: SIDE ELEVATIONS

SOUTH **EAST** PLEASE ADD CORRECTIVE WORK ORDERS ABOVE

4-Minor Repair Priority:

1820-2

Hazard Type: Visual

Hazard Classification: Buildings

Hazard Group: Elevated temperature

Hazard Issue: at AR1 and AR2

Observations: Elevated temperature at AR1 and AR2

What is the Cause: Suspected air leakage





Photo File: IR_1383A.jpg Photo Date: 23/04/2012 Photo File: DC_1384.jpg Photo Date: 23/04/2012

Repair Information Consequences of Failure:	PLEASE FAX BACK AFTER REPAIR 0871 900 4978 OR INFO@THERMALIMAGING.CO.UP Repair Date:	Loss to Production
Porto Don Defens Falluno	Root Cause:	
Parts Req. Before Failure:		
	Repair	Check seals and repair or replace where necessary
Parts Req. After Failure:	Procedure:	
	Repair Notes:	
Repair Recommendation:		
Check seals and repair or repla	ace where necessary	



Page: 3

Work Order #: NOT ISSUED

Corrective Work Order #:

Current Prob No: Visual/3

InspectionNo: 1820 Report Date: 23/04/2012 PLEASE ADD CORRECTIVE WORK ORDERS ABOVE

Location/Equipment Information

Asset ID: -Barcode: NI

Location: SIDE ELEVATIONS

SOUTH

ABOVE REAR ACCESS DOOR

Repair Priority: 4-Minor
Hazard Type: Visual
Hazard Classification: Buildings

1820-3

Hazard Group: Elevated temperature

Hazard Issue: at AR1

Observations: Elevated temperature at AR1

What is the Cause: Suspected insulation incontinuity

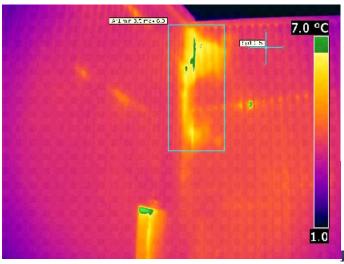




Photo File: IR_1385A.jpg Photo Date: 23/04/2012 Photo File: DC_1386.jpg Photo Date: 23/04/2012

Repair Information Consequences of Failure:	PLEASE FAX BACK AFTER REPAIR T 0871 900 4978 OR INFO@THERMALIMAGING.CO.UK Repair Date:	Loss to Production
	Root Cause:	
Parts Req. Before Failure:		
Parts Req. After Failure:		Check seals and insulation and repair or replace where necessary
-	Repair Notes:	
Repair Recommendation:		
Repair, add or replace insulation	n as necessary	





Work Order #:	NOT ISSUED	
Corrective Work	COrder #:	

InspectionNo: 1820

Report Date: 23/04/2012

Location/Equipment Information

Asset ID: Barcode: NI

Location: SIDE ELEVATIONS

SOUTH SIDE

PLEASE ADD CORRECTIVE WORK ORDERS ABOVE

Current Prob No: Visual/4

3-Important Repair Priority: Hazard Type: Visual

1820-4

Hazard Classification: Buildings

Hazard Group: Elevated temperature

Hazard Issue: at AR1

Observations: Elevated temperature at AR1

What is the Cause: Insulation suspected of damp due to

poor panel seals

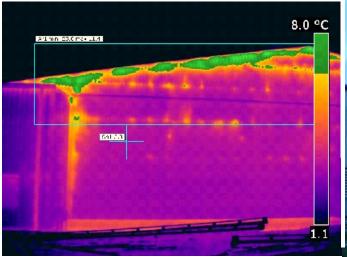




Photo File: IR_1389A.jpg Photo Date: 23/04/2012 Photo File: DC_1390.jpg Photo Date: 23/04/2012

Repair Information Consequences of Failure:	PLEASE FAX BACK AFTER REPAIR TO: 0871 900 4978 OR INFO@THERMALIMAGING.CO.UK Repair Date:	Loss to Production Yes No Unknown Repaired By:
	Root Cause:	
Parts Req. Before Failure:		
	Repair	
Parts Req. After Failure:	Procedure:	
	Repair Notes:	
Repair Recommendation:		
Repair or replace panel seals to	p prevent water ingress	



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Work Order #: NOT ISSUED Corrective Work Order #:

InspectionNo: 1820

Report Date: 23/04/2012

Location/Equipment Information

Asset ID: Barcode: NI

Location: SIDE ELEVATIONS

NORTH SIDE

PLEASE ADD CORRECTIVE WORK ORDERS ABOVE

Current Prob No: Visual/5 1820-5

3-Important Repair Priority: Hazard Type: Visual

Hazard Classification: Buildings

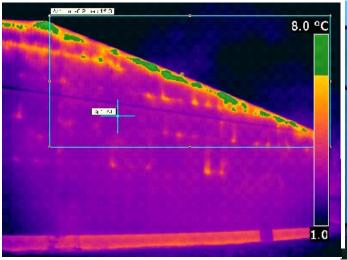
Hazard Group: Elevated temperature

Hazard Issue: at AR1

Observations: Elevated temperature at AR1

What is the Cause: Insulation suspected of damp due to

poor panel seals



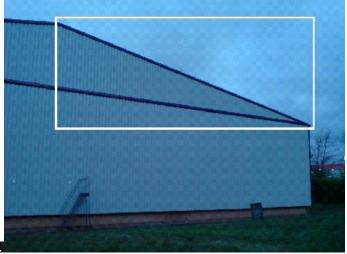
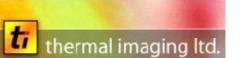


Photo File: IR_1391A.jpg Photo Date: 23/04/2012 Photo File: DC_1392.jpg Photo Date: 23/04/2012

Repair Information Consequences of Failure:	PLEASE FAX BACK AFTER REPAIR TO: 0871 900 4978 OR INFO@THERMALIMAGING.CO.UK Repair Date:	Loss to Production Yes No Unknown Repaired By:
	Root Cause:	
Parts Req. Before Failure:		
	Repair	
Parts Req. After Failure:	Procedure:	
	Repair Notes:	
Repair Recommendation:		
Repair or replace panel seals to	p prevent water ingress	



Page: 6

Work Order #: NOT ISSUED Corrective Work Order #:

InspectionNo: 1820

Report Date: 23/04/2012

Location/Equipment Information

Asset ID: Barcode: NI

Location: SIDE ELEVATIONS

NORTH

ACCESS DOOR

PLEASE ADD CORRECTIVE WORK ORDERS ABOVE

Current Prob No: Visual/6 1820-6

4-Minor Repair Priority: Hazard Type: Visual

Hazard Classification: Buildings

Hazard Group: Elevated temperature

Hazard Issue: at AR1

Observations: Elevated temperature at AR1

What is the Cause: Suspected air leakage

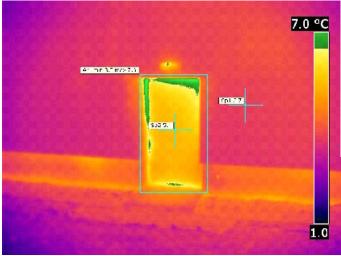




Photo File: IR_1399A.jpg Photo Date: 23/04/2012 Photo File: DC_1400.jpg Photo Date: 23/04/2012

Repair Information Consequences of Failure:	PLEASE FAX BACK AFTER REPAIR T 0871 900 4978 OR INFO@THERMALIMAGING.CO.UK Repair Date:	Loss to Production
-	Root Cause:	
Parts Req. Before Failure:		
	Repair	Check seals and repair or replace where necessary
Parts Req. After Failure:	Procedure:	
	Repair Notes:	
Repair Recommendation:		
Check seals and repair or repla	ce where necessary	



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Client Work Appraisal

We are continually trying to improve our service and ensure that all our inspections are carried out to the highest standards. Please use the form below to add your comments, anonymously if you prefer and send back to us at the address above or:

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Excellent	Good	Mediocre	Poor	Comments
	Excellent	Excellent Good	Excellent Good Mediocre	Excellent Good Mediocre Poor



