Official Scientific Report of PIPETECTOR Installation

Anti-Corrosion Equipment, Office Victoria

Japan System Planning Co., Ltd.

< Installation Purpose and Result>

Office Victoria is located next to the Thistle Westminster Hotel in London and its property being managed by Land Securities which is the UK's leading property company.

For the protection of the hot water pipework from internal corrosion, one unit of Pipetector PT-50DS was installed onto the 2 inches domestic hot water cylinder of steel galvanized flow pipe on 5th of January 2007.

24 days after the installation of Pipetector, the average of Fe content of the domestic hot water considerably decreased from 1.93 mg/l (the highest value is 1.97mg/l and the lowest is 1.89mg/l) to less than 0.007 mg/l 35 days after installation, and 0.01 mg/l (the highest is 0.015mg/l, the lowest is less than 0.007mg/l) 150 days after the installation.

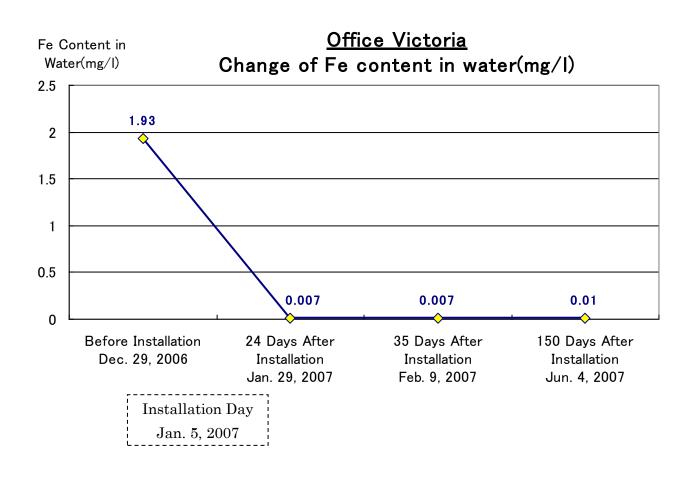
All the amounts of Fe content in water after the installation stayed much lower than the British Government Standard for Drinking Water of 0.2mg/l. It means that new forming of corrosion (FeO(OH)) inside the pipework was immediately terminated and the existing corrosion has been reduced into magnetite (Fe₃O₄) which does not dissolve into water. From then on, Pipetector will protect inner pipework from any internal corrosion.

< Installation Summary>

Name of Building, Address	Office Victoria	
Name of Building: Address	Buckingham Palace Road, London SW1W 0QT	
Building Summary	Office Building	
Installation Day	January 5 2007	
Installation Place and Amount	2 inches hot water flow pipe (SGP)	PT-50DS × 1 unit

<Fe Content in Hot Water (mg/l)>

	Before Installation Dec. 29, 2006	Installation Day Jan. 5, 2007	24 Days After Installation Jan. 29, 2007	35 Days After Installation Feb. 9, 2007	150 Days After Installation Jun. 4, 2007	British Government Standard for Drinking Water
	1.97 (8 th floor)		<0.007 (4 th floor)	<0.007 (5 th floor)	<0.007 (4 th floor)	0.2 mg/l
Fe Content	1.89 (3 rd floor)		<0.007 (4 th floor)	<0.007 (6 th floor)	<0.007 (4 th floor)	
in Water (mg/l)					0.012 (7 th floor)	
					0.015 (7 th floor)	
Average (mg/l)	1.93		<0.007	<0.007	0.01	



Before Installation

Sample Date : 29 December 2006 Sample Received : 29 December 2006 Analysis Complete : 05 January 2007 SEVERN TRENT Sample Point Description: Cambridgeshire Water Company **OFFICE VICTORIA 8TH FLOOR** BR /396964/2006 Cambridge Water Company 832174 Certificate of Analysis Laboratory Number: Report Number: Sample Description: Sample Source : Iron, Total as Fe co Sample Sample Date: 29 December 2006 Sample Received: 29 December 2006 Analysis Complete: 05 January 2007

TRENT SEVERN

Certificate of Analysis

tocrediation Codes : * Nor UKAS acceptated, B - Analysed at STL Bridgend, O = Analysed at STL Coveriny, R - Analysed at STL Runcon, L - Analysed at STL Midlands, S - Sib contrades For Merobiological determinands a or ND = Not Detected, DET = Detected, For Legionella ND=Not detected in volume of sample fittened. Acceptination Codes : " = Not UVAS secredited, B = Arralysed at STL Bifdsend, C = Arralysed at STL Covering, R = Arralysed at STL Runnorn, L = Arralysed at STL Midlands, S = Sub-court-acree

For Microbiological determinands 0 or ND - Not Detected, DET = Detected, For Legionalia ND-NNot detected in volume of sample filtered.

ng/

1890

Iron, Total as Fe

Sample Source: Cambridge Water Company Sample Point Description: Cambridgeshire Water Company

Report Number: BR /396964/2006

Laboratory Number :

OFFICE VICTORIA 3RD FLOOR

Sample Description:

Severn Trent Laboratories Ltd
2 Technology Drive, Bridgend Science Park, Bridgend, Mid Glamorgan CF31 9NA Tel 016 5684 7557 Fax 016 5684 6525

Severn Trent Laboratories Ltd 2 Technology Drive, Bridgend, Bridgend, Mid Glamorgan CF31 3NA Tel 016 5684 7557 Fax 016 5664 5525

Certificate of Analysis



24 Days After Installation





Sample 5 Laboratory Number : 6 Report Number :

BR /402724/2007

Issue 1

Sample Source : Cambridge Water Company
Sample Point Description : Cambridgeshire Water Company Sample Description : LAKE VIEW COURT 4 FLOOR OFFICES

Sample Date: 29 January 2007 Sample Received: 29 January 2007 Analysis Complete: 02 February 2007

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<7 ug/1 200 B on Codes : * - Not UKAS econdited, B - Analysed at STL Bridgend, C = Analysed at STL Coventry, R - Analysed at STL Rumonn, L = Analysed at STL Midlands, S - Sub-I/S = Insufficient eample For Microbiological determinands 0 or ND = Not Detected, DET = Detected, For Legionella ND+Not dotected in volume of sample fillered.

Sample 6 Laboratory Number : BB /402724/2007

Cambridge Water Company Sample Point Description: Cambridgeshire Water Company

Sample Description : LAKE VIEW COURT 7TH FLOOR OFFICES HOT WATER

Sample Date: 29 January 2007 Sample Received: 29 January 2007 Analysis Complete: 02 February 2007

Iron, Total as Fe

Accordization Codes: * = Not UKAS accredited, 8 = Analysed at STL Bridgend, C = Analysed at STL Coventry, R = Analysed at STL Runcom, L = Analysed at STL Midlends, S = Sub-or For Microbiological determinants 0 on ND = Not Detected, DET = Detected, For Legionella ND=Not detected in volume of sample filtered.

Signed: 2000.

Name: T. Down

Title: Production Manager

Sample Point Description : Cambridge Water Company
Sample Point Description : Cambridgeshire Water Company
LOKE View Office State Look

Severn Trent Laboratories Ltd
2 Technology Drive, Bridgend Science Park, Bridgend, Mid Glamorgan CR31 3NA Tel 016 5664 7557 Fax 016 5694 6525

Certificate of Analysis

6 Report Number : BR /405551/2007

Sample 3 Laboratory Number :

35 Days After Installation

Report Number : BR /405551/2007

Sample Source: Cambridge Water Company
Sample Point Description: Cambridgeshire Water Company
Lake View office Ruis WG

Sample 2 Laboratory Number :

Sample Date: 09 February 2007 Sample Received: 09 February 2007 Analysis Complete: 13 February 2007

Test Description Result - Times Accreatiation Method :

<7 ug/l 200 B Accrediation Codos : " - Not UKAS accrediad, B = Analysed at STL Bridgend, C = Analysed at STL Coventry, R = Analysed at STL Runcorn, L = Analysed at STL Midlands, S = Sub

distron Codes: * - Nex UNAS accredited, B - Analysed at STL, Bridgend, C = Arralysed at STL Coventry, R - Analysed at STL Runcorn, L - Analysed at STL Midlands. S = Sub-contracted Microbiological determinands 0 or ND > Not Detected, DET > Detected, For Lagionella ND::Not detected in volume of sample filtered.

Test Description Result Onder Limit Accreditation Metho

Sample Date: 09 February 2007 Sample Received: 09 February 2007 Analysis Complete: 13 February 2007

150 Days After Installation

Certificate of Analysis

13 Report Number : BR /431327/2007

Sample Point Description: Cambridgeshire Water Company

Sample Date: 04 June 2007 Sample Received ;

10007351

04 June 2007 Analysis Complete: 06 June 2007

Cambridge Water Company

lakeview office 4th floor no2

For Microbiological determinands 0 or ND = Not Detected, DET = Detected, For Legionella ND=Not detected in volume of sample filtered.

Sample 2 Laboratory Number :

Sample Description :

Certificate of Analysis Sample 1 Laboratory Number: 10007350 of 13 Report Number: BR /431327/2007 Issue 1 Sample Source: Cambridge Water Company Sample Point Description: Cambridge-shire Water Company Sample Description: lakeview office 4th floor not Sample Date: 04 June 2007 Sample Received: 04 June 2007 Analysis Complete: 06 June 2007

Accreditation Codes: " x Not UKAS accredited, B - Analysed at STL Bridgend, C = Analysed at STL Coventry, R - Analysed at STL Ruccom, L = Analysed at STL Midlands, S - Sub-contract
For Microbiological determinands 0 or NO = Not Detected, For Legionals NO-Not detected in volume of surryise tillands.

1/8 a insufficient sample

Iron, Total as Fe

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Accreditation Codes : " - Not UKAS accredited, B + Analysed at STL Bridgend, C - Analysed at STL Overtry, R + Analysed at STL Runcom. L - Analysed at STL Midlands, S x Sub-controlk
For Microbiological determinands 0 or NO = Not Detected, DET + Detected, For Legionella ND-Not detected in volume of sample filtered.

US - Insufficient nample

Severn Trent Laboratories Ltd

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For Microbiological determinands 0 or NO = Not Detected, DET = Detected, For Legispress ND=Not detected in volume of sample filtered.

1/3 = Insufficient sample