

Our Ref.: G6S103670/225/CB3/EAW/RMP/F5

Date: 19th June 2018

**EAST DUNBARTONSHIRE COUNCIL
FACILITIES MANAGEMENT - SCHOOLS
Balmuldy Primary School
Stirling Drive
Bishopbriggs
Glasgow
G64 3AJ**

For the attention of [REDACTED]

Inspection Details

Type : Policy
Number : G6S103670-225 Report Nos. : 001-006
Class : Boiler/Pressure Plant
Surveyor : [REDACTED]
Date : 8th June 2018
Location : As above

Dear Sirs

Our Engineer Surveyor attended as above in order to carry out the examination detailed.

We enclose for your files the requisite examination report, for you to retain for perusal, if required, by the Health and Safety Executive, detailing our remarks for your attention. Observations and comments made in our reports are for your own consideration as to the extent of repair or other maintenance work which you intend to undertake. The company has no liability for instructions to undertake work on any item other than those which require action within a defined period under the requirements of the relevant Statutory Act to which the examination contract refers.

The following item(s) of calibrated equipment was used by our Engineer Surveyor to carry out part or all of the examinations listed in this report:

Ultrasonic Thickness Meter, Serial No: SC15697, Calibration due: 21.9.20.

In accordance with our accreditation procedures, you may reproduce the attached report in whole, or in part for use by yourselves or a third party. The examination methods and procedures used to comply with the detailed particular Statutory Regulations, which are applicable to the Plant, are stated in the inspection methods and procedures as documented in Section 7.1 of the Company Quality Assurance Policy (Manual).

The attached documentation contains reports on some items of plant and machinery which were not subject to inspection to any particular Regulation. The items concerned are identified and the responsibility for compliance with any regulations deemed applicable by Regulatory Authorities or any other party, in their operation and usage, rests with the owner/user. If you wish any such equipment inspected in accordance with a specific criteria, this must be detailed in the Policy/Contract prior to the inspection taking place.

Risk Solutions

HSB Engineering Insurance Services Limited
Chancery Place, 50 Brown Street,
Manchester M2 2JT
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Fax: 0845 345 5610
Web: www.hsbeil.com

Registered in England and Wales: 03010292
Registered office: New London House,
6 London Street, London EC3R 7LP
Registered as a branch in Ireland: 906105



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**EAST DUNBARTONSHIRE COUNCIL
FACILITIES MANAGEMENT - SCHOOLS**

We should like to thank you for the courtesy extended by your staff to us during the examination, and trust that you find our services to your satisfaction.

Yours faithfully
HSB ENGINEERING INSURANCE SERVICES LTD.

HSB Customer Solutions Centre.

Risk Solutions

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PLANT INSPECTION REPORT

Policy: G5S103670

Previous Report: 070917-001-0047NM5

Site : 00225

Report Number : 190618-001-0051EAW

PIR1

Occupier EAST DUNBARTONSHIRE COUNCIL
FACILITIES MANAGEMENT - SCHOOLS
Address Balmuldy Primary School, Stirling Drive
Bishopbriggs, Glasgow
G64 3AJ

Sched No.	Plant Code	Item	Remarks
B0007	B03A10	Calorifier Type: PF5000 F Special TML	No apparent defects. Year of manufacture: 2016 Capacity 5000.0 Litres Maximum Working Pressure: 6.0 bar
B0008	B55A10	Heater (Platen) S.No.:447341 Sondex	Type: 519A-J010-68 TMTL88 Heat Surface: 15.94 m2 Working Pressure: 6.0 bar Test Pressure: 13.0 bar Maximum Differential Pressure: 6.0 bar
B0004	B04A10	Hot Water Storage Tank S.No.:482 ACV	No apparent defects. Model: Smart 240L. Year of Manufacture: 2003. Capacity: 200 litres. Maximum Temperature: 90 DegC. Maximum Pressure: 10 bar. Safety Valve Set Pressure: 2.41 bar. Maximum Working Pressure: 3.3 bar.
B0005	B04A10	Hot Water Storage Tank S.No.:21 ACV	No apparent defects. Model: Smart 240L. Year of Manufacture: 2002. Capacity: 200 litres. Maximum Temperature: 90 DegC. Maximum Pressure: 10 bar. Safety Valve Set Pressure: 2.45 bar. Maximum Working Pressure: 3.0 bar.
B0006	B56A10	Steam Oven S.No.:G11CD04011104725 Rational	No apparent defects. Model: CPC 101G. Input: 38.4 kW. In a serviceable condition.

This report details a visual inspection relating to the potential capability of the equipment, not for compliance with any regulations unless specified above. (Please see covering letter for statement of compliance requirements).

Date of Inspection: 08 Jun 2018

Date of Last Inspection: 10 Aug 2017

Inspecting Engineer: 

Date of Next Inspection: 08 Jun 2019

Signature: 

Qualification: Engineer Surveyor

REPORT OF EXAMINATION OF SYSTEM OR PARTS THEREOF

Policy: G6S103670

Plant Code: B05A12

Previous Report: ---

Site: 00225

Schedule: B0009

Report Number: 190618-002-0051EAW

WRITTEN SCHEME NUMBER: WS01

PS1

1. Name and address of owner	EAST DUNBARTONSHIRE COUNCIL FACILITIES MANAGEMENT - SCHOOLS Balmuldy Primary School, Stirling Drive Bishopbriggs, Glasgow G64 3AJ
2. Subject to written agreement under the relevant Schedule of the regulations	No
3. Location of systems and name of user if different from above	As above
4. (a) System identification (b) Identification of part of system (c) Description of part of system	PS01S Whole Expansion Vessel Grundfos Serial No.:- 16/2963
5. Results of examination and condition of parts examined in accordance with Written Scheme of Examination	Thorough and Working Examination Suitable for further service.
6. Repairs (if any) required in order to prevent imminent danger If none enter "None"	None
7. Defects (other than those specified at 6 above) which require attention If none enter "None"	None
8. (a) Safe operating limit (b) Change in safe operating limits and date by which required If none enter "None"	6.0 bar None
9. Change in written scheme if required If none enter "None"	New
10. Postponement (Section 9(7))* Name of Competent Person Name of Users Representative Date of Postponement Date of limit of Postponement * If none enter "None"	None
11. Other observations	Capacity: 500 litres. Year of manufacture: 2016. Model: HT-HR-500.

Certification :- I certify that the above system or parts thereof was examined in accordance with the Written Scheme of Examination and that the above is a true report of the result.

	Thorough	Working
Inspecting Engineer:	Date of Examination: 08 Jun 2018	08 Jun 2018
Qualification: Engineer Surveyor	Date of Last Examination: ---	10 Aug 2017
Signature:	Date of Next Examination: 08 Aug 2020	08 Jul 2019

WRITTEN SCHEME OF EXAMINATION

THE PRESSURE SYSTEMS SAFETY REGULATIONS 2000 SI 128 THE PRESSURE SYSTEMS SAFETY REGULATIONS (NI) 2004 No. 222

Policy: G6S103670 **Plant Code:** B05A12 **Previous Report:** ---
Site: 00225 **Schedule:** B0009 **Report Number:** 190618-003-0051EAW

Owner/User : EAST DUNBARTONSHIRE COUNCIL FACILITIES MANAGEMENT - SCHOOLS	Written Scheme No. : WS01
Site Address : Balmuldy Primary School Stirling Drive Bishopbriggs Glasgow G64 3AJ	Pressure System No. : PS01S
Location : As above	System Description. : Compressed Air
	System Category : Minor
	Safe Operating Limit : 6.0 bar
	Form WSE

Item	Description	Serial No.	Thorough Periodicity	Working Periodicity
B0009	Expansion Vessel	16/2963	26 months	13 months

Items which form part of the above system but which do not appear above, including pipework, have been excluded from Statutory Thorough/Working Examinations since failure of those items will not give rise to foreseeable danger, however all parts of the system shall be subject to the maintenance provisions of Regulation 12 of the above Regulations which remain the responsibility of the owner/user. If any repairs or modifications are made to the items listed above a further examination is required before the system is returned to service with the exception of the replacement of protective devices with certified devices of the same rating.

Preparation For Thorough Examination : The Written Scheme of Examination and any other relevant information must be made available to the Competent Person. The vessel to be drained of all contents, isolated from all pressure and electrical source and safe access provided where necessary. All inspection covers, doors, plugs protective devices and fittings to be removed, and all internal and external surfaces to be cleaned to permit the Thorough Examination. Protective devices to be dismantled as required by the Competent Person.

Preparation For Working Examination : System/vessel to be under normal operating conditions and pressure. Safe access to be provided where necessary and personnel to be available to carry out functional test of safety devices as required by the Competent Person.

Scope Of Thorough Examination : Thorough visual examination of all accessible internal and external surfaces including supports, plugs, covers and their securing devices. The Competent Person shall review the Written Scheme in the light of his findings and request supplementary test as required.

Scope Of Working Examination : Visual external examination of vessel and protective devices and witness of functional tests as required.

Specific System Requirements

Ultrasonic thickness checks may be carried out in lieu of internal examination.

Prepared By: [REDACTED] **Date:** 08 Jun 2018 **Revision:** 00

Certified By: [REDACTED] **Date:** 19 Jun 2018

REPORT OF EXAMINATION OF HOT WATER BOILER

Policy: G5S103670

Plant Code: B01D10

Previous Report: 070917-004-0047NM5

Site: 00225

Schedule: B0010

Report Number: 190618-004-0051EAW

HWB1

1. Name and address of occupier	EAST DUNBARTONSHIRE COUNCIL FACILITIES MANAGEMENT - SCHOOLS Balmuldy Primary School, Stirling Drive Bishopbriggs, Glasgow G64 3AJ
2. Description, type and distinctive number(s) of boiler	Hot Water Heating Boiler (Biomass) Herz Firematic Serial No.:- F027501AB
3. Date of construction The history should be briefly given, and the examiner should state whether he has seen the last previous report	2016 First examination by HSB - Installed as new on site. Last previous report seen
4. Date of last hydraulic test (if any), and pressure applied	Unknown
5. Parts inaccessible	All enclosed electrical and mechanical parts
6. Nature and type of examination	Visual, external, working examination at normal working temperature.
7. Condition External :- Internal :- Surfaces in jackets :- (if any)	No apparent defects. Not applicable Not applicable
8. Are fittings correct type? Are fittings all in satisfactory condition?	Yes Yes
9. Type and condition of fuel emergency shut off valve	Automatic fuel emergency shut off switch linked to temperature sensor located above boiler.
10. Maximum permissible working pressure	5.0 bar
11. Repairs (if any) required and period within which they should be executed and any other conditions which the person making the examination thinks it necessary to specify for securing safe working	None
12. Other observations	Boiler output: 320.0 kW Safety valve set at: 50 psi Model: 301

I certify that on the date of examination, the above mentioned boiler was examined as indicated and that the above is a true report of the result.

Date of Examination: 08 Jun 2018

Date of Last Examination: 10 Aug 2017

Inspecting Engineer: [REDACTED]

Date of Next Examination: 08 Jun 2019

Signature: [REDACTED]

Qualification: Engineer Surveyor

REPORT OF EXAMINATION OF HOT WATER BOILER

Policy: G4S103670

Plant Code: B01D10

Previous Report: 070917-005-0047NM5

Site: 00225

Schedule: B0002

Report Number: 190618-005-0051EAW

HWB1

1. Name and address of occupier	EAST DUNBARTONSHIRE COUNCIL FACILITIES MANAGEMENT - SCHOOLS Balmuldy Primary School, Stirling Drive Bishopbriggs, Glasgow G64 3AJ
2. Description, type and distinctive number(s) of boiler	Hot Water Heating Boiler Low Pressure Gas Fired (LHS) Hamworthy Shaftesbury Serial No.:- 026560/692 Plant No.:- 1
3. Date of construction	Unknown
The history should be briefly given, and the examiner should state whether he has seen the last previous report	See previous report Last previous report seen
4. Date of last hydraulic test (if any), and pressure applied	Unknown
5. Parts inaccessible	All enclosed mechanical and electrical parts
6. Nature and type of examination	External only carried out under normal working temperature. No apparent defects.
7. Condition	<p>External :- No apparent defects.</p> <p>Internal :- Not applicable</p> <p>Surfaces in jackets :- (if any) Not applicable</p>
8. Are fittings correct type? Are fittings all in satisfactory condition?	Yes Yes
9. Type and condition of fuel emergency shut off valve	See Plant Report Continuation
10. Maximum permissible working pressure	Design Pressure
11. Repairs (if any) required and period within which they should be executed and any other conditions which the person making the examination thinks it necessary to specify for securing safe working	None
12. Other observations	See Plant Report Continuation

I certify that on the date of examination, the above mentioned boiler was examined as indicated and that the above is a true report of the result.

Date of Examination: 08 Jun 2018

Date of Last Examination: 10 Aug 2017

Inspecting Engineer: [REDACTED]

Date of Next Examination: 08 Jun 2019

Signature: [REDACTED]

Qualification: Engineer Surveyor

PLANT REPORT CONTINUATION



HSB Engineering Insurance

Policy: G6S103670

Plant Code: B01D10

Previous Report: 070917-005-0047NM5-C01

Site : 00225

Schedule: B0002

Report Number : 190618-005-0051EAW

Occupier EAST DUNBARTONSHIRE COUNCIL
FACILITIES MANAGEMENT - SCHOOLS
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Section	Remarks
9	Solenoid operated gas automatic isolation valve activated by emergency push button next to boiler house door and temperature sensors located above each boiler. Manual gas emergency control valve also fitted.
12	Relief Valve Set Pressure: 2.5 bar Serial No.010268 Working Temperature: 70 DegC Burner Serial No.021220000106 Flue gas analysis results to be made available for inspection. Test and document operation of burner flame failure device. Boiler Output: 310 kW Location: Boiler Room.

Date of Examination: 08 Jun 2018

Date of Last Examination: 10 Aug 2017

Inspecting Engineer: [REDACTED]

Date of Next Examination: 08 Jun 2019

Signature: [REDACTED]

Qualification: Engineer Surveyor

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REPORT OF EXAMINATION OF HOT WATER BOILER

Policy: G4S103670

Plant Code: B01D10

Previous Report: 070917-006-0047NM5

Site: 00225

Schedule: B0003

Report Number: 190618-006-0051EAW

HWB1

1. Name and address of occupier	EAST DUNBARTONSHIRE COUNCIL FACILITIES MANAGEMENT - SCHOOLS Balmuldy Primary School, Stirling Drive Bishopbriggs, Glasgow G64 3AJ
2. Description, type and distinctive number(s) of boiler	Hot Water Heating Boiler Low Pressure Gas Fired (RHS) Hamworthy Shaftesbury Serial No.:- 02G5601650-1 Plant No.:- 2
3. Date of construction	Unknown
The history should be briefly given, and the examiner should state whether he has seen the last previous report	See previous report Last previous report seen
4. Date of last hydraulic test (if any), and pressure applied	Unknown
5. Parts inaccessible	All enclosed mechanical and electrical parts.
6. Nature and type of examination	External only carried out under normal working temperature. No apparent defects
7. Condition	<p>External :- Cover panel (right hand side) showing signs of scorching.</p> <p>Internal :- Not applicable</p> <p>Surfaces in jackets :- (if any) Not applicable</p>
8. Are fittings correct type? Are fittings all in satisfactory condition?	Yes Yes
9. Type and condition of fuel emergency shut off valve	See Plant Report Continuation
10. Maximum permissible working pressure	Design Pressure
11. Repairs (if any) required and period within which they should be executed and any other conditions which the person making the examination thinks it necessary to specify for securing safe working	None
12. Other observations	See Plant Report Continuation

I certify that on the date of examination, the above mentioned boiler was examined as indicated and that the above is a true report of the result.

Date of Examination: 08 Jun 2018

Date of Last Examination: 10 Aug 2017

Inspecting Engineer: [REDACTED]

Date of Next Examination: 08 Jun 2019

Signature: [REDACTED]

Qualification: Engineer Surveyor

PLANT REPORT CONTINUATION



HSB Engineering Insurance

Policy: G6S103670

Plant Code: B01D10

Previous Report: 070917-006-0047NM5-C01

Site : 00225

Schedule: B0003

Report Number : 190618-006-0051EAW

Occupier EAST DUNBARTONSHIRE COUNCIL
FACILITIES MANAGEMENT - SCHOOLS
Address Balmuldy Primary School, Stirling Drive
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G64 3AJ

PRC1

Section	Remarks
9	Solenoid operated gas automatic isolation valve activated by emergency push button next to boiler house door and temperature sensors located above each boiler. Manual gas emergency control valve also fitted.
12	Safety Valve Set Pressure 25 psi, Serial No.3499 Working Temperature: 70 DegC Burner Serial No.021220000105 Test and document the ventilation in the boiler room. Flue gas analysis results to be made available for inspection. Test and document operation of burner flame failure device. Boiler Output: 310 kW Location: Boiler Room

Date of Examination: 08 Jun 2018

Date of Last Examination: 10 Aug 2017

Inspecting Engineer: [REDACTED]

Date of Next Examination: 08 Jun 2019

Signature: [REDACTED]

Qualification: Engineer Surveyor

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