KIMPTON ENERGY SOLUTIONS

NON - DOMESTIC INSPECTION RECORD

GAS safe REGISTER 12738

Site Details	
Name	Asquith House & Austin Hall
Address	Servia Road
Contact	Carl Blanckensee
Telephone	
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Email	asquithaustin@outlook.com

Customer / Agent Details	
Name	Tuscola (109) Ltd
Address	c/o Tuscola 109 Ltd Unit 120 Mill Hill House 6 The Broadway
Contact	Tuscola (109) Ltd
Telephone	020 3325 9181
Mobile	
Email	asquithaustin.ap@outlook.com

Registered Business Details	
Name	Kimpton Energy Solutions
Address	5 Hawkshead Road Bromborough
Telephone	0151 343 1963
Website	www.kimpton.co.uk
Email	helpdesk@kimpton.co.uk

Asset - Cylinder DHW — **Date of Test - 23/11/2022**

Make	Model	Location	Serial No.	Barcode Number	Notes	Asset ID	Pass / Fail
Megaflow	1500LH	Boiler Room	.	1		2637	**Pass**

Test Reading	
Inspect visible seams and bosses of cylinder for any signs of leakage and corrosion.	Yes
Check connection pipework for signs of leakage and corrosion.	
Inspect insulation for any deterioration.	Yes
Examine and check correct operation of safety valves, auto air vents, gauges and valves etc	Yes
Drain down bottom of vessel until water runs clear.	Yes

Comments

Asset - Cylinder DHW — **Date of Test - 23/11/2022**

Make	Model	Location	Serial No.	Barcode Number	Notes	Asset ID	Pass / Fail
Megaflow	1500LH	Boiler Room	.	3		2638	**Pass**

Test Reading	
Inspect visible seams and bosses of cylinder for any signs of leakage and corrosion.	Yes
Check connection pipework for signs of leakage and corrosion.	Yes
Inspect insulation for any deterioration.	Yes
Examine and check correct operation of safety valves, auto air vents, gauges	Yes

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and valves etc		Drain down bottom of vessel until	Yes	water runs clear.	

Comments

Asset - Cylinder DHW — Date of Test - 23/11/2022

Make	Model	Location	Serial No.	Barcode Number	Notes	Asset ID	Pass / Fail
Magaflow	1500LH	Boiler Room	LSS151600002AN	3		2639	**Pass**

Test Reading					
Inspect visible seams and bosses of cylinder for any signs of leakage and corrosion.	Yes	of leakage and corrosion.		Drain down bottom of vessel until water runs clear.	Yes
Check connection pipework for signs	Yes	Inspect insulation for any deterioration.	Yes		
		Examine and check correct operation of safety valves, auto air vents, gauges and valves etc	Yes		

Comments

Asset - Boiler Medium — Date of Test - 23/11/2022

Make	Model	Location	Serial Number	Burner Manufacture (if different)	Type of flue/chimney	Asset ID	Pass / Fail
Potterton Commercial	Sirus WH110	Boiler Room	.			2641	**Pass**

Test Reading					
Carry out service to boiler	Yes	Air/gas ratio control setting High fire	Na	Carbon Monoxide (CO) % Low fire	6
Age approximately	8	Ambient room temperature	18	Carbon Monoxide (CO) % High fire	94
Heat input rating (kw) Low fire	11.7	Flue gas temp (DegC) Low fire	50.5	Carbon Dioxide (CO2) Low fire	9.2
Heat input rating (kw) High fire	110.2	Flue gas temp (DegC) High fire	71.0	Carbon Dioxide (CO2) High fire	8.9
Gas burner pressure Low fire	Na	Flue gas temp net (DegC) Low fire	31.4	NOX % Low fire	Na
Gas burner pressure High fire	Na	Flue gas temp net (DegC) High fire	51.9	NOX % High fire	Na
Gas rate (m3/hr) Low fire	Na	Flue draught pressure (mbar) Low fire	Na	Excess air % Low fire	28.2
Gas rate (m3/hr) High fire	Na	Flue draught pressure (mbar) High fire	Na	Excess air % High fire	33.9
Air/gas ratio control setting Low fire	Na	Oxygen (o2) % Low fire	4.6	CO/CO2 - Ration Low fire	0.0001
		Oxygen (o2) % High fire	5.3	CO/CO2 - Ration High fire	0.0010

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Gross efficiency % Low fire	88.7
Gross efficiency % High fire	87.6
CO flue dilution ppm Low fire	Na
CO flue dilution ppm High fire	Na
Flue flow test satisfactory?	NA
Spillage test satisfactory?	NA

Air/gas pressure switch operating correctly?	Yes
Safety devices operating correctly?	Yes
Burner lockout time (in seconds)	60
Temperature and limit thermostat working correctly?	Yes

Has a Warning/ Advice Record been issued	No
Has the responsible person been advised	NA
Have warning labels been affixed	NA

Comments

Asset - Boiler Medium — **Date of Test - 23/11/2022**

Make	Model	Location	Serial Number	Burner Manufacture (if different)	Type of flue/chimney	Asset ID	Pass / Fail
Potterton	Sirius Two WH110	Boiler Room	.			2642	**Pass**

Test Reading	
Carry out service to boiler	Yes
Age approximately	8
Heat input rating (kw) Low fire	11.7
Heat input rating (kw) High fire	110.2
Gas burner pressure Low fire	Na
Gas burner pressure High fire	Na
Gas rate (m3/hr) Low fire	Na
Gas rate (m3/hr) High fire	Na
Air/gas ratio control setting Low fire	Na
Air/gas ratio control setting High fire	Na
Ambient room temperature	18
Flue gas temp (DegC) Low fire	51.5
Flue gas temp (DegC) High fire	60.0
Flue gas temp net (DegC) Low fire	32.4
Flue gas temp net (DegC) High fire	40.9

Flue draught pressure (mbar) Low fire	Na
Flue draught pressure (mbar) High fire	Na
Oxygen (o2) % Low fire	5.2
Oxygen (o2) % High fire	5.5
Carbon Monoxide (CO) % Low fire	24
Carbon Monoxide (CO) % High fire	83
Carbon Dioxide (CO2) Low fire	8.9
Carbon Dioxide (CO2) High fire	8.7
NOX % Low fire	Na
NOX % High fire	Na
Excess air % Low fire	33.1
Excess air % High fire	35.7
CO/CO2 - Ration Low fire	0.0002
CO/CO2 - Ration High fire	0.0009
Gross efficiency % Low fire	88.6
Gross efficiency % High fire	88.1

CO flue dilution ppm Low fire	Na
CO flue dilution ppm High fire	Na
Flue flow test satisfactory?	NA
Spillage test satisfactory?	NA
Air/gas pressure switch operating correctly?	Yes
Safety devices operating correctly?	Yes
Burner lockout time (in seconds)	60
Temperature and limit thermostat working correctly?	Yes
Has a Warning/ Advice Record been issued	No
Has the responsible person been advised	NA
Have warning labels been affixed	NA

Comments

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Asset - Boiler Medium							Date of Test - 23/11/2022
Make	Model	Location	Serial Number	Burner Manufacture (if different)	Type of flue/chimney	Asset ID	Pass / Fail
Potterton	Sirius 2 WH110	Boiler Room	.			2643	Pass

Test Reading	
Carry out service to boiler	Yes
Age approximately	8
Heat input rating (kw) Low fire	11.7
Heat input rating (kw) High fire	110.2
Gas burner pressure Low fire	Na
Gas burner pressure High fire	Na
Gas rate (m3/hr) Low fire	Na
Gas rate (m3/hr) High fire	Na
Air/gas ratio control setting Low fire	Na
Air/gas ratio control setting High fire	Na
Ambient room temperature	18
Flue gas temp (DegC) Low fire	48.5
Flue gas temp (DegC) High fire	74.5
Flue gas temp net (DegC) Low fire	23.6
Flue gas temp net (DegC) High fire	49.1

Flue draught pressure (mbar) Low fire	Na
Flue draught pressure (mbar) High fire	Na
Oxygen (o2) % Low fire	5.0
Oxygen (o2) % High fire	5.5
Carbon Monoxide (CO) % Low fire	6
Carbon Monoxide (CO) % High fire	84
Carbon Dioxide (CO2) Low fire	9.0
Carbon Dioxide (CO2) High fire	8.9
NOX % Low fire	Na
NOX % High fire	Na
Excess air % Low fire	31.4
Excess air % High fire	35.7
CO/CO2 - Ration Low fire	0.0001
CO/CO2 - Ration High fire	0.0009
Gross efficiency % Low fire	89.0
Gross efficiency % High fire	87.7

CO flue dilution ppm Low fire	Na
CO flue dilution ppm High fire	Na
Flue flow test satisfactory?	NA
Spillage test satisfactory?	NA
Air/gas pressure switch operating correctly?	Yes
Safety devices operating correctly?	Yes
Burner lockout time (in seconds)	60
Temperature and limit thermostat working correctly?	Yes
Has a Warning/ Advice Record been issued	No
Has the responsible person been advised	NA
Have warning labels been affixed	NA

Comments

Asset - Expansion Vessel Medium							Date of Test - 23/11/2022
Make	Model	Location	Serial Number	Volume	Barcode Number	Asset ID	Pass / Fail
Lowara		Boiler Room	233442			2646	Pass

Test Reading	
Where practical flush through and purge to drain.	Yes

Visually check for corrosion and leaks.	Yes
With the vessel empty, check cushion pressure and record, top up if	Yes

necessary.	

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Comments

Asset - Water Booster Set							Date of Test - 23/11/2022
Make	Model	Location	Serial No.	Label No.	Notes	Asset ID	Pass / Fail
.	3 Pump	No.1 - Boiler Room	.			2647	**Pass**

Test Reading

Comments

Asset - Non Domestic Boiler Room							Date of Test - 23/11/2022
Boiler Room Location						Asset ID	Pass / Fail
Boiler Room						3508	**Pass**

Test Reading	
Flue/chimney system installed in accordance with appropriate standards	Yes
Fan flue interlock operating correctly	NA
Appliance serviced	Yes
Gas installation pipework adequately supported/identified	Yes
Gas installation pipework sleeved/labelled as necessary	Yes
Natural High level ventilation free area	800cm

(cm2)	
Natural Low level ventilation free area(cm2)	800cm
Mechanical ventilation inlet flow rate (m3/s)	Na
Mechanical ventilation outlet flow rate(m3/s)	Na
Mechanical ventilation interlock fitted	No
Mechanical ventilation interlock operating correctly	NA

Is ventilation satisfactory	Yes
Gas booster(s)/compressor(s) operating correctly	Na
Has a Warning/ Advice Record been issued	No
Has the responsible person been advised	No
Have warning labels been affixed	NA

Comments

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Asset - Non Domestic Gas Pipework						Date of Test - 23/11/2022	
Gas Meter Location						Asset ID	Pass / Fail
						3509	Pass

Test Reading	
Gas Type	NG
Meter Type	Diaphragm
Testing Too	IGE/UP/1A
Let by test period existing installations (minutes)	2
Stabilisation period (minutes)	4
Tightness test duration	4
Any inadequately ventilated areas	No

Actual leak rate m3/hr or mbar	0
Actual pressure drop mbar	0.2
Visual inspection of pipework, condition	Pass
Gas pipework installation adequately supported and identified	Yes
Gas pipework suitably sleeved when required	Yes
Gas pipe correctly sized	Yes

Tightness Test Result	Pass
Has a Warning/ Advice Record been issued	No
Has the responsible person been advised	NA
Have warning labels been affixed	NA

Comments

Asset - Water Tank						Date of Test - 23/11/2022	
Make	Model	Location	Size	Label No.	Notes	Asset ID	Pass / Fail
Decca Plastic Ltd	GRP	Boiler Room	.			3510	Pass

Test Reading

Comments

Asset - Circulation Pump							Date of Test - 23/11/2022
Make	Model	Location	Description VT, CT Etc	Serial Number	Bar code number	Asset ID	Pass / Fail
Ffalflu	.	Boiler Room	HWS Return Single	.		3512	Pass

Test Reading	
Carry out visual inspection	Yes

Examine non-return valve heads for signs of leakage or corrosion.	Yes

Examine the adjacent pipe work connections for leaks or corrosion.	Yes

Take pressure and temperature gauge readingsand record where fitted.	Yes	grilles.		pump and leave the suction valve open to avoid damage to the pump in thye event of inadvertent operation.	
Check all pump controls, including the emergency stop push button.	Yes	Inspect all drive belts for signs of stretching and cracking.	Na		
Check and record inverter set point and amps. Clean inverter ventilation	Yes	Change over the pump duty at the end of any maintenance operation. Valve off the discharge valve of the standby	Yes		

Comments

Asset - Circulation Pump — **Date of Test - 23/11/2022**

Make	Model	Location	Description VT, CT Etc	Serial Number	Bar code number	Asset ID	Pass / Fail
DAB	Evoplus	Boiler Room	Twin Heating	.		3513	**Pass**

Test Reading					
Carry out visual inspection	Yes	Check and record inverter set point and amps. Clean inverter ventilation grilles.	Yes	thye event of inadvertent operation.	
Examine non-return valve heads for signs of leakage or corrosion.	Yes	Inspect all drive belts for signs of stretching and cracking.	Na	Examine and test all valves for full and free travel, checking for leaks. Lubricate, adjust as required.	Yes
Examine the adjacent pipe work connections for leaks or corrosion.	Yes	Change over the pump duty at the end of any maintenance operation. Valve off the discharge valve of the standby pump and leave the suction valve open to avoid damage to the pump in	Yes	Check electrical connections associated with the unit.	Yes
Take pressure and temperature gauge readingsand record where fitted.	Yes			Take ammeter readings of motor.	Yes
Check all pump controls, including the emergency stop push button.	Yes			Check pump seals for leaks	Yes

Comments

Remedial Action Taken or Required

Scheduled service and gas safety inspection completed.
Gas pressures and emissions checked and adjusted were necessary.
Condensate trap and electrodes removed inspected and cleaned.
Main heat exchanger de-scaled.

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Flue integrity checked and ok.
Safety device checked and ok.
Found 10 inch flue leaking from joint and a new O ring or section of flue is required (I was unable to find any data on flue)
Spark generator perished on boiler 3 and needs replacing.
Condensate pipe work on boiler 2 perished and needs replacing (2 x 90, 1 x45, 1 coupler and a section of 22mm overflow pipe required).
See photos.

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Engineer Sign-Off:	
THE ABOVE TEST READINGS SATISFY GAS SAFE "GSR NDINSP PAD 6"	
Engineer:	Phil Hopper

Received By:	
Name:	Carl Blanckensee

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Signature:		**Signature:**