



Non-Domestic Service Record

Job Number 45783
Certificate Date 21/02/2023

Details of Company/Engineer	
Engineer Name:	Joe Milsom
Company:	Advanced Control Solutions Ltd
Address:	7 Bakersgate Courtyard, Ash Road, Pirbright, Surrey
Postcode:	GU24 0NJ
Contact No:	01483 237812
Gas Safe Reg	189662
Gas Safe Engineer Reg No.	5230884

Details of Site	
Name/Company:	Nutfield Primary School
Site Name:	Nutfield Primary School
Address:	59 Mid Street, South Nufield, Redhill, Surrey
Postcode:	RH1 4JJ
Contact No:	01737823239

Details of Landlord (or agent)	
Name/Company:	Nutfield Primary School
Address:	Nutfield Primary School, 59 Mid Street, South Nufield, Redhill, Surrey
Postcode:	RH1 4JJ
Contact No:	01737823239

Signature	
Customer's Signature:	
Customer Name:	N/A
Date of Signature:	21/02/2023
Gas Safe Engineer's Signature:	

Appliance Details (max 4 appliances)							
Location	Type	Make	Model	Serial No	Burner Manufacturer	Flue Type	Safe to Use
Main Boiler Room	Gas Boiler	Hamworthy	Broadstone	02107 000013 (98-p5600910)	Riello	O/F	Yes
Main Boiler Room	Gas Water Heater	Strebel	ATI SP 200	K32931	N/A	R/S	Yes

Combustion Checks								
Appliance No Firing Mode	1		2		3		4	
	Low	High	Low	High	Low	High	Low	High
Badged Heat input rating (kW)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gas burner pressure (mbar)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gas Rate (m³/hr)	N/A	198kw	N/A	27.2kw	N/A	N/A	N/A	N/A
Air/gas ratio control setting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ambient (room) temperature °C	N/A	17.2	N/A	12.4	N/A	N/A	N/A	N/A
Flue gas temperature °C	N/A	71.7	N/A	62.5	N/A	N/A	N/A	N/A
Flue gas temperature net °C	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Flue draught pressure (mbar)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oxygen (O²)	N/A	4.2	N/A	9.3	N/A	N/A	N/A	N/A
Carbon Monoxide (CO) ppm	N/A	3	N/A	2	N/A	N/A	N/A	N/A
Carbon Dioxide (CO²) %	N/A	9.51	N/A	6.65	N/A	N/A	N/A	N/A
NOX %	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excess Air %	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CO/CO² - Ratio	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gross Efficiency %	N/A	87.4	N/A	86.8	N/A	N/A	N/A	N/A
CO Flue Dilution ppm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Safety checks				
	1	2	3	4
Flue flow test satisfactory?	Yes	N/A	N/A	N/A
Spillage test satisfactory?	Yes	N/A	N/A	N/A
Ventilation test satisfactory? (see also ventilation)	Yes	Yes	N/A	N/A
Air/gas pressure switch operation correctly?	Yes	Yes	N/A	N/A
Flame proving/safety devices operating correctly?	Yes	Yes	N/A	N/A
Burner lock-out time (seconds)	60	60	N/A	N/A
Temperature and limit thermostats operating correctly?	Yes	Yes	N/A	N/A
Appliance serviced?	Yes	Yes	N/A	N/A
Gas booster(s)/compressor(s) operating correctly?	N/A	N/A	N/A	N/A
Gas installation tightness test carried out? Yes/No/Local Only/NA	Yes	Yes	N/A	N/A
Gas installation pipework adequately supported?	Yes	Yes	N/A	N/A
Gas installation pipe work sleeved, labelled and painted as necessary?	Yes	Yes	N/A	N/A
Chimney system installed in accordance with appropriate standards?	Yes	Yes	N/A	N/A
Fan-flue interlock operating correctly?	N/A	N/A	N/A	N/A

Ventilation		Natural - go to 1. Mechanical - go to 2.	
1. Boiler room/Enclosure/Room			
Free area low-level (cm²)	2875	Free area high-level (cm²)	2875
All ventilation grilles clear and unobstructed?	Yes		
2. Mechanical ventilation flow rate			
Inlet (m²/s)	N/A	Extraction (m²/s)	N/A
Mechanical ventilation interlock operating correctly?	N/A		
All ventilation grilles clear and unobstructed?	N/A		

Warning Notice	
Has a Warning/Advice Notice been completed?	☐ If Warning/Advice Notice issued, Insert Serial No*
Has warning label(s) been attached?	☐ N/A
Has a responsible person been advised?	☐ N/A

Additional safety checks				
	1	2	3	4
Is the meter installation accessible?	Yes	Yes	N/A	N/A
Is the meter room/compartament adequately ventilated?	Yes	Yes	N/A	N/A
Is the meter room/compartament secure?	Yes	Yes	N/A	N/A
Is the meter room/compartament clear of combustibles etc?	Yes	Yes	N/A	N/A
Is the meter room/compartament lock key clearly labelled?	Yes	Yes	N/A	N/A
Is a gas installation line diagram fixed near the primary	Yes	Yes	N/A	N/A
Is the gas installation line diagram current?	No	No	N/A	N/A
Are adequate emergency/isolation valves fitted?	Yes	Yes	N/A	N/A
Are emergency/isolation valve handles in place and suitably labelled?	Yes	Yes	N/A	N/A
Is gas pipework colour coded/identified?	Yes	Yes	N/A	N/A
Is the gas installation electrically bonded?	No	No	N/A	N/A
Is pipework suitably sleeved and sealed as appropriate?	Yes	Yes	N/A	N/A
CO Alarm Fitted?	Yes	Yes	N/A	N/A
Is CO Alarm in date?	Yes	Yes	N/A	N/A
Testing of CO alarm satisfactory?	Yes	Yes	N/A	N/A



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Work carried out

Carried out minor service on 1 x water heater and 1 x gas Boiler, all tested OK.

Remedial work required

issue with timer built into BMS, unable to set to auto, new one required.