

Customer	H WESTON & SONS	Job No.	PM0000778/009
Post Code	HR8 2NQ	Engineer	Marc Ierston
Site Contact	Brian quin	Contact Email	
Date	19/03/2025 16:32	Vehicle SV	

EQUIPMENT DETAILS				PRE-WORK CHECKS	
Boiler Make/Model	Dunphy TL310 VMRTSC	Burner Make/Model	DUNPHY	Burner Service Type	Minor Service
Boiler Serial	22952	Burner Serial	22952	Burner Manuals Available	No

On Site To Carry Out Routine Mechanical & Electrical Burner Service As Per Manufacturers Instructions

ALL

1	Isolated Fuel and Electrical Supply	Yes	
2	Opened Burner Access	Yes	
3	Removed Burner Head Assemblies	Yes	
4	Flame/ Diffuser Plate Condition	Yes	
5	Checked & Cleaned All Ignition Electrodes	Yes	
6	Set Ignition Electrode Position		
7	Checked & Cleaned Ionisation Probe	N/A	ID cell
8	Set Ionisation Probe Position	N/A	
9	HT Leads Condition	Yes	
10	Checked HT Lead Connections	Yes	
11	Visually Inspected Blast Tube	Yes	
12	Visually Inspected Combustion Chamber	Yes	
13	Cleaned FD Fan & Checked Free Rotation	Yes	
14	Checked & Cleaned Burner Air Intake	Yes	
15	Cleaned Air Damper & Checked Free Moving	Yes	
16	Checked Air Pressure Switch Sense Lines	Yes	
17	Checked & Cleaned Flame Supervision Device	Yes	
18	Visually Checked Controller For Signs Of Damage	Yes	
19	Checked Electrical Connections	Yes	

GAS

20	Let-By Test Of Burner Local Isolation Valve	N/A	Oil only
21	Checked Gas Head Nozzles	N/A	Oil
22	Replaced Gas Head Seal	N/A	
23	Checked Gas Modulation Butterfly Valve/ Linkage	N/A	
24	Checked Gas Valve Sense Lines	N/A	
25	Checked Gas Actuators For Damage	N/A	
26	Checked Gas Booster Belt	N/A	
27	Checked Gas Booster Shaft For Play	N/A	
28	Inspected Booster Flexibles & Antivibration Feet	N/A	
29	Checked Gas Pipework Meets Current Standards	N/A	

OIL

30	Checked Oil Nozzles	Yes	
31	Checked Oil Pump Internal Filter	Yes	
32	Checked Oil Pump Rotation & Coupling		
33	Checked Inline Oil Filter	Yes	
34	Checked Oil Metering Valve	Yes	
35	Inspected Oil Flexible Connection	Yes	

Rebuilt & Carried Out Operational Checks													
Interlocks		Setting		Tested		Comments							
1	Air Pressure Switch	2.5		Yes									
2	Low Inlet Pressure Switch			N/A									
3	Gas Valve Proving (Stage 1)			N/A									
4	Gas Valve Proving (Stage 2)			N/A									
5	High Gas Pressure Switch			N/A									
6	Booster Inlet Pressure Switch			N/A									
7	Booster Outlet Pressure Switch			N/A									
8	Flame Supervision Device			Yes									
9	All Combustion Doors Sealed Checked			Yes									
10	Burner Operation			Yes									
GAS													
1	Let-By Test Of Burner Local Isolation Valve			N/A									
1	Tightness Test Of Pipework From L.I.V. To Gas Train			N/A									
1	Booster Inlet Pressure (Standing)			N/A									
1	Booster Inlet Pressure (High Fire)			N/A									
1	Burner Inlet Pressure (High Fire)			N/A									
OIL													
1	Oil Pump Pressure (Low Fire)			Yes									
1	Oil Pump Pressure (High Fire)			Yes									
1	Oil Recirculation Pressure (Low Fire)			No									
1	Oil Recirculation Pressure (High Fire)			No									
Combustion Print Out Left With Customer													
Point	Fuel	Air	Vsd	O2%	CO2%	NOx ppm	CO ppm	SOx ppm	Temp oC	Gas Head Mbar	Air Pressure Mbar	Boiler Pressure	
P1	Light oil	5%	0	7.09	10.1	48	0	6	0	0	0	7 bar	
P3	Light oil	10%	0	6.72	10.4	46	0	6	0	0	0	7.5 bar	
P5	Light oil	15%	0	7.00	10.2	44	0	6	0	0	0	8.0 bar	
P7	Light oil	35	0	6.69	10.4	52	0	6	0	0	0	8.5 bar	
P10	Light oil	50%	0	6.58	10.4	56	0	8	0	0	0	9.0	
Declaration of Gas Safety: - I confirm that all of the above work described on this form has been satisfactorily completed in accordance with the current Gas Safety (Installation and Use) Regulation, Industry Standards and procedures.													
													
Customer Signature				Engineer Signature									
Customer Print	Brian quin			Date	19/03/2025		Engineer Print	Marc Ierston			Date	19/03/2025	