



SSS1 Gas and Oil Pressure Jet Burners and Boilers Main Service Schedule Per Burner

SERVICE DESCRIPTION

- 1] Function test unit and make sure it is working and not broken down.
(If it is not working inform customer as fault finding is not part of service).
- 2] Isolate boiler and disconnect from fuel supply.
- 3] Remove burner from boiler body.
- 4] Check and clean blast tube, flame ring, nozzles, electrodes and holders..
- 5] Check and clean and replace if required high tension electrode and its wiring.
- 6] Check clean and replace if required ionisation probe or UV cell.
- 7] Check and clean main burner injectors.
- 8] Check and clean all mixing chambers and main burner.
- 9] Check and clean burner motor and fan blades.
- 10] Check air slide, pressure switch, transformer and fuel pump.
- 11] Check burner to boiler seals and bolt welds.
- 12] Clean out bottom of boiler combustion chamber.
- 13] Refit burner and remake connections. Changing fuel filter if required.
- 14] Remove boiler side panels and check all insulation.
- 15] Remove fireside access panels and pull out any baffles.
- 16] Clean dust and debris from inside boiler flueways.
- 17] Refit baffles fit new seal and check security of bolts.
- 18] Check by pass pump is running (if fitted).
- 19] Check control box and all electrical connections remake if required.
- 20] Refit all side panels and check flue connection.
- 21] Fire up burner and carry out gas train leak test.
- 22] Check correct operation of all solenoid valves and flame failure devices.
- 23] Check time and temperature controls and set as required.
- 24] Check condition of wiring between boiler and controls.
- 25] Fire up unit and check operation of control and high limit stats.
- 26] Set gas/oil pressure to the correct plated pressure.
- 27] Check flue for correct operation and security.
- 28] Function check all controls and reset to correct settings.
- 29] Check all flexible connections and joints back to the unit fuel isolation valve.
- 30] Check ventilation requirements and effect of any extract.
- 31] Carry out combustion analysis and make any minor adjustments.
- 32] Fill in report sheet and get signed by customer.
- 33] Report any defects and send estimate for the cost of rectification.

VISUAL CHECKS

- a] Is combustion analysis correct and safe.
- b] Is the boiler water tight and the flue ways gas tight.
- c] Is the flue structure safe and bracketed OK.
- d] Is there any flue spillback or blockages.
- e] Are there any combustibles stored near the unit.
- f] Are any air vents blocked or wrongly positioned.
- g] Is the gas/oil main in good condition and safely bracketed.
Gas main soundness is not part of this service.
- h] Do the gas/oil main isolation valves work and is the main coded.
- i] Is the gas/oil main made of the correct material for the site.
- j] Are flexible connections fitted on unit heaters and radiants.
- k] Is the gas/oil main correctly sized.
- l] Is the oil tank in good condition and is the correct sized filter fitted.
- m] Is earth bonding fitted (inform customer if not)
- n] Is the combustion ventilation fitted safely and not blocked.

CONDITIONS AND EXCLUSIONS

All work will conform to the "GAS SAFETY (INSTALLATION & USE) ACT 1998".

(We have the right under this act to turn off any unsafe equipment and we will do so)

- a] The cost of any replacement parts and the labour to fit them.
- b] Major resetting (recommissioning) of burner or distribution system.
- c] Repairs to leaking fuel lines, boilers and distribution system.
- d] Removal/replacement of any obstruction round unit preventing service.
- e] Disconnection and refitting of any flues, ducts, conduits or similar.
- f] Cleaning of main and secondary flues.
- g] Cleaning fuel lines internally and/or purging air from gas and oil pipe work.
- h] Soundness testing of gas mains connected to more than two units.
- i] Any form of waiting time enforced on engineers is chargeable.
- j] Work over 12ft from floor will require our "Access Pack" chargeable at £36.89 per hour complete with all safety aids.
- k] Disposal of all arisings from the site is the customers responsibility.
- l] We reserve the right not to work in any unsafe environment or with any unidentified materials including asbestos products