



Method Statement

Our people are at the heart of everything we do!



Expertise



Talent



People

Schedule of Service of a Pressure Jet Gas Burner

Location or site		Job no.	
Date of prepar'n		Review Date	
MS Reference	MS-JOBNO-V?-DATE(EG1216)	Revision	

Method statement title	Schedule of service of a Pressure Jet Gas Burner
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MS & RA prepared by:	(manager)	Signed	
MS approved by:	(Site)	Signed	
Associated documents:	Risk assessment(s) ref.	RA-JOBNO-V?-DATE(EG1216)	
Other attachments (such as drawings):			
Description of the Work <i>What will be taking place and where?</i>			
When is each activity going to take place and how long will it take?	Site set up date: Delivery of equipment: Insulation: Installation date: Break in to services: Start date: End date (approximately): Duration:		
Who is to do the job and supervise it?	<u>JBC</u> Manager (will instruct the JBC site supervisor how the works are to be undertaken): Supervisor: Welders: Gas Fitter (Gas Safe Registered): Others: <u>Sub-contractors</u> Name of company:		
How is the work to be done safely?			

Pre-mobilisation

- Operational staff to ensure that all equipment is available and is in date of its test (if applicable). Visually inspect equipment in order to make sure that it is in good condition.



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- Prior to any work commencing the engineer will issue a task specific risk assessment in conjunction to this document.

Mobilisation

- Operatives to drive to site and make reception / site contact aware of their attendance.
- Undertake any site specific induction as required by the client. When the site induction is completed, specific location of work to be determined by the client
- Complete dynamic risk assessment as a team and highlight any additional areas of control required. If required, seek guidance from the manager responsible for the activity.
- Set up a safe working area using signs and barriers. Position all tools and equipment within the safe working area.
- Ensure that safe access/ egress to the work area is provided.
- Remove any non-essential materials from the work area e.g. items stored in the boilerhouse by customers should be cleared if possible prior to work commencing.
- Don any additional PPE as required by the risk assessment to undertake the task.

Burner

- Gain access to and remove combustion head assembly from burner.
- Remove ignition electrodes and ionisation probe (if fitted). Clean, inspect and adjust gaps. Renew if necessary.
- Inspect ignition leads, probe lead and HT caps/connectors. Renew if necessary.
- Clean and inspect flame plates and gas nozzles.
- Check the blast tube and inside the combustion chamber.
- Re-assemble and refit the combustion head assembly to burner.
- Clean the flame sensor & check impulse lines to the combustion air pressure switch.
- Clean and lubricate linkages, gas and air cams. Ensure freedom of movement without freeplay.
- Clean and inspect the impellor. Check motor bearings.
- Clean the air damper and air inlet.

General

- Check that all furnace and smoke box covers are secure and that there is no leakage of gases.
- Check the condition of gas train components and associated wiring.
- Check the flue outlet and draught controls if fitted.
- Check boiler valves and/or ancillary equipment.



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- Check the condition of the control panel and terminal connections.

Controls, interlocks, combustion and reporting

- Reinstate services, supplies etc.
- Carry out functional tests of flame sensor, pressure switches, thermostats, level switches, gas valve testing etc.
- Carry out combustion analysis at several firing positions from low to high fire. Make adjustments as required then ensure reliability by test firing several times.
- Complete the service report, note faults found, make recommendations and summarise combustion/emissions data as required.

Record of briefing of the personnel who are to undertake this work:

Briefing given by: <i>(name)</i>		Signed:		Date:	
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I have read and understood this method statement and will comply with the specified requirements. If the work activity changes or deviates from that originally envisaged, I will seek further advice and request an amended method statement.

Rev. no.	Forename	Surname	Role <i>(in relation to this task)</i>	Signature	Date & time