

Burner Flow Testing Services

In today's highly price-competitive power market and tightening emission limits, getting the best performance from your burners is critical.



- On-site or off-site flow testing
- Collection and analysis of debris and deposits
- Ultrasonic cleaning
- Independent support and advice
- Flow analysis and characterisation

STF ENERGY is supporting customers in the worldwide plant and power generation market utilising our employee's significant technical experience in all aspects of engineering services. Our burner cleaning and flow testing services were originally developed for gas turbine burners but can be utilised to qualify any burner performance.

Burner flow testing can provide you with detailed information of the fuel flow variations between your asset's burners. Based on the result of a benchmark flow test – which can be performed in-situ or off the engine – our test team can advise on the next steps e.g. burner cleaning or replacement. If your burners have mechanical flow-controlling devices we can also offer to balance the burner flows around a median flow.

STF ENERGY use advanced ultrasonic cleaning facilities based in the United Kingdom to offer a bespoke cleaning procedure to cater for a variety of type and level of contamination in addition to various burner types and sizes. If space is at a premium on site flow testing can be carried out at the cleaning premises.

While burner flow testing and cleaning your burners provides salient details on performance it might not necessarily identify the root cause of your problem. This is why STF ENERGY can liaise with renown specialist laboratories to analyse the debris and contamination found and support you identifying the potential source of contamination, enabling you to take appropriate mitigation measures.

To benefit from STF ENERGY's experience contact us with your requirements to enable us to provide tailored support to your maintenance team.

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