



SAACKE Boiler maintenance

We put life back into your boiler

Fast, efficient and quality repairs by SAACKE

In addition to providing service contracts for combustion equipment and controls, SAACKE also provides servicing, repairs, surveys and upgrades for boiler plant and all ancillaries. A combined approach under a unified service contract for burner and boiler maintenance, optimised for highest efficiency consistent with lowest emissions delivers the best solution. This provides you with peace of mind, delivered by a reliable, responsive and expert service consistent with a cost which is competitive with any alternative high quality service provider.

Optimum plant efficiency

Energy efficiency is a priority for our day-to-day business, and as part of a planned maintenance programme we can optimise burner and boiler performance after each period of boiler outage for cleaning and repair. We also work with you to check the actual process load requirement and can optimise boiler working pressures and burner turndowns to deliver maximum fuel and energy saving. This can include the down-rating of burner, boiler or both to ensure an optimised plant delivering to your current load profile.

Boiler service contract options

Starting with a typical scope of work based on preparation for annual boiler Insurance inspection, we can tailor a comprehensive service contract package to suit your specific plant and requirements. This can range from the standard 'Bronze' contract, to 'Silver' which includes optimising combustion performance on boiler start-up after survey and demonstration of mandatory safety tests, to 'Gold' that can include all ancillaries and the boiler 5-year NDT work and hydraulic testing.

Advantages at a glance

- ↳ Regional Offices for local support
- ↳ Fixed maintenance cost
- ↳ Regular review of boiler efficiency
- ↳ Burner and boiler optimisation, matched to process requirements
- ↳ Total burner/boiler plant solution for enhanced safety
- ↳ Energy efficiency advice and surveys
- ↳ Marine boiler spares and repairs



Areas of expertise include

- ✓ Combustion theory
- ✓ Boiler preparation for annual Insurance survey
- ✓ Boiler cleaning
- ✓ Calibration and certification of boiler pressure gauge
- ✓ Boiler 5-year NDT preparation
- ✓ Industrial boiler repair and refurbishment
- ✓ Furnace refractory and burner quarls
- ✓ Tube preparation ('J' prepping) for gas firing
- ✓ Valve overhaul, repair and replacement
- ✓ Integrated burner/boiler/water control system with touchscreen display including control and log of mandatory safety tests
- ✓ Water level controls, probes and valves
- ✓ TDS monitoring
- ✓ Automatic blowdown equipment and controls
- ✓ Feed water pumps and motor inverters
- ✓ Exhaust gas recirculation systems for emission reduction
- ✓ Energy surveys and reports
- ✓ Burner adjustment of turndown ratios and controls to optimise boiler working pressures matched to process load requirement
- ✓ Energy reduction equipment – fan inverters and oxygen trim combustion control
- ✓ Heat recovery systems – economisers, air pre-heaters
- ✓ Liquid and gaseous fuel handling equipment
- ✓ Retrofit systems for the combustion of waste by-products
- ✓ Chemical descaling and water treatment
- ✓ Plant risk assessments (BG01)
- ✓ Boiler Operator and Manager training (BG01)
- ✓ Burner Operator and Plant Manager training
- ✓ Advice on boiler plant selection with burner type matched to process load variable v constant load requirements
- ✓ Boiler load scheduling controls

Boiler shell cut open



Furnace tube



Emission testing



24-hour emergency spares line

+44 (0) 7710 582591

24-hour emergency service line

+44 (0) 2392 333900

