



# MECHANICAL SERVICES

The UK's **leading** industrial aftercare provider

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# Site Bespoke Fabrication



JBC offer a wealth of experience and knowledge across the industrial markets, including, manufacture, pre-fabrication and site based installation of stainless and carbon steel pipework, polypropylene socket and fusion, ABS and PVC.

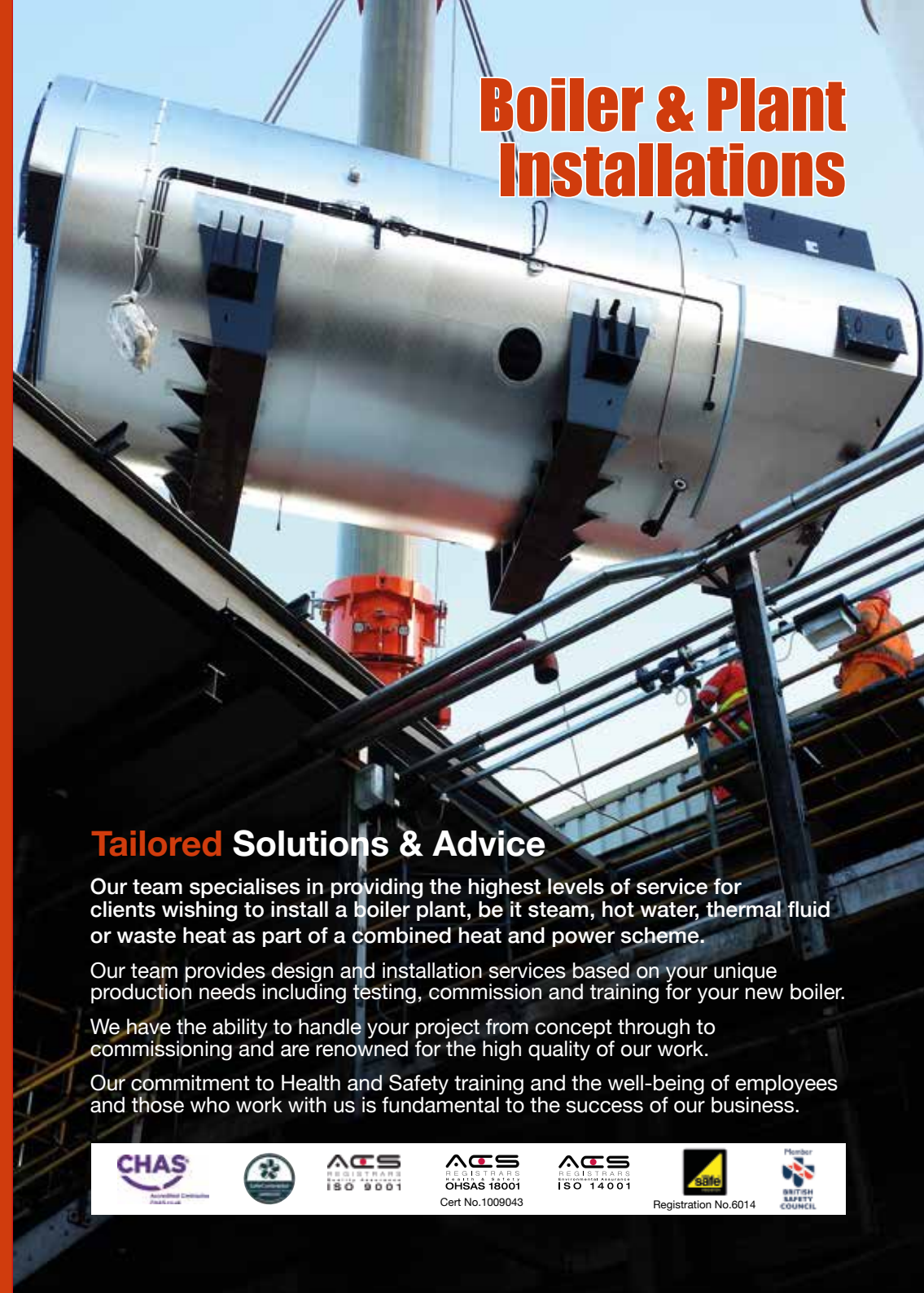
## Services include:

- 🔧 LTHW/HTHW Heating Installations
- 🔧 Steam Condensate Systems
- 🔧 Chiller Pipework
- 🔧 Blowdown Vessel Systems
- 🔧 Tanks, Hotwells & Deaerators
- 🔧 Boiler Plant Design & Install
- 🔧 Thermal Fluid
- 🔧 Coded Welding Pipework
- 🔧 Compressed Air, Oils & Fuels
- 🔧 Bracketry Fabrication, including SKIDS, Plant Room and Modular Frames
- 🔧 Planned Maintenance,
- 🔧 Electrical Installations & Testing
- 🔧 Shut Down Works and Planned Outages

*'first class install of our steam meter!'*

Neil Newman, EON

# Boiler & Plant Installations



## Tailored Solutions & Advice

Our team specialises in providing the highest levels of service for clients wishing to install a boiler plant, be it steam, hot water, thermal fluid or waste heat as part of a combined heat and power scheme.

Our team provides design and installation services based on your unique production needs including testing, commission and training for your new boiler.

We have the ability to handle your project from concept through to commissioning and are renowned for the high quality of our work.

Our commitment to Health and Safety training and the well-being of employees and those who work with us is fundamental to the success of our business.



Cert No.1009043

Registration No.6014

# Hotwells & Design



- ✔ Design consultation, pre-manufacture, installation, erection, commission and handover.
- ✔ JBC have worked for leading blue chip clients in the public and private sector including Engie, Moy Park, Premier Foods, Yeo Valley and Leeds General Hospital.



# Pipework & Welding

Pipework Installations and Modifications | Coded Welding Works (Pipework) | Heating Installations | Chiller Pipework | Steam & Water Pipework | Gas Pipework | Air Pipework | Projects | Various Pipe Joining Methods: Screwed, Welded, Crimped, Compressed, Soldered, Bonded.

## Capabilities

Welding to BSEN standards, ASME-IX | Welding Services to class 1 and class 2 approved in TIG, MIG, MMA & MGA | Aluminium, Mild steel and Stainless - all grades | MPI, NDT, X-ray and dye-penetration.





## Case Studies

### SUCCESSFUL HOSPITAL INSTALL AGAINST THE CLOCK

JBC Mechanical Services had only 12 hours to remove an existing steam meter at Leeds General Infirmary and install all the new pre-fabricated spools and valves.

This included 2 x 12" parallel slide valves with a bleed valve arrangement in its place and an 8" tee off the line with a further 2 x 8" parallel slide valves to allow an inlet point when the temporary boilers went on line.

A spider crane was used to lift the heaviest item weighing 380kg.

The install was completed in good time and the hospital was back on line well within the 12-hour window.



### MIXER UNIT PIPEWORK

JBC supplied and fitted 28mm copper pipework to the mixer unit of one of our customers.

The works included breaking into the main hot water supply and return pipework and TIG welding on a socket and isolation valve.

JBC Installed the 28mm flow and return pipework to the mixer unit and tested the pipework before leaving the site. The customer was more than pleased with the final result and the professionalism of JBC staff.



## Burner Installation



### & Energy Efficiency

Our mechanical team will work alongside our technical team for the installation of your burner. Replacing an ageing oil fired burner with the latest energy saving, dual fuel burners & 'Ecosafe' retrofit digital combustion controls will reduce both energy consumption and CO2, providing excellent payback and considerable savings on the annual fuel bill, not to mention a reduced carbon footprint.

## Our people are at the heart of everything we do!

*"Thank you for all the hard work the teams did over the weekend. The shutdown and install of the gas valve looks very neat.*

*May I further thank the gas safe team for stopping late to make sure we could isolate the pressure drop issue and leak and for coming back to check all was well the next day.*

*I would be pleased to have these teams working for Engie anytime."*

David Norris, Engie

*"The feedback from the completed installations is very positive, from the planning stage all the way through to the commissioning stage. The service has been excellent, from the office to the installation engineers.*

*Communication throughout has been first class and the enthusiasm of the installation team is a credit to JBC.*

*There are never any problems, only solutions."*

Shaun Wilkinson, Stelrad



A Nationwide UK Company

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