



**Your quick start guide to discover  
which services are right for you**

**spirax**  
**/sarco**



**There will almost certainly be times when you'll need to look outside your organisation for the right people and specialist skills to build a new steam plant, extend your existing system to meet changing needs, or even to keep your system at peak performance.**

Whether you need a straightforward steam trap survey or project management support for a complete new build, experienced external project teams can support you to deliver the best return on your steam system investment.

I have designed this quick start guide to help you steer away from services that you don't really need and understand which one(s) could be beneficial to your business.

**Read on to discover which services are right for you.**



**Iain Harper**  
Field Sales Services Manager

# MENU



“I have invested in new plant or in a programme to improve my steam system to bring it up to its best operating efficiency and I want to keep it that way.”

“I lack the experience, resources or time to install equipment for my system and have it operating correctly.”

“I want to ensure my steam system is operating at peak efficiency.”

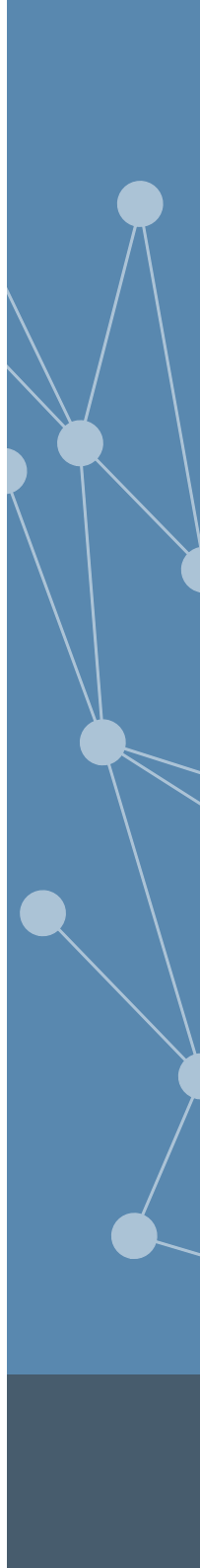
“I have recently purchased a replacement valve or I’m looking for a full valve overhaul, repair and pressure testing service.”

“I need advice on energy savings, good engineering practises and steam generation efficiency.”

“I would like to discover how to keep my steam quality in top condition to meet compliance standards and include steam within my HACCP.”

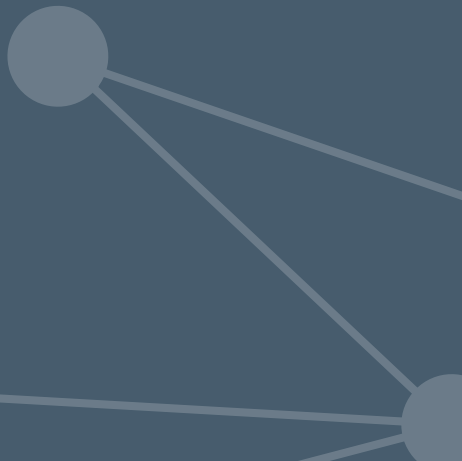
“I am looking to prolong the life of my boiler and steam system.”

“I would like help to prepare for the mandatory annual insurance inspections of my steam boilers and pressure vessels.”





I have invested in new plant or a programme to improve my steam system to bring it up to its best operating efficiency and I want to keep it that way.



The service for you is...

## A SERVICE CONTRACT

A Service Contract may last from one to five years and can comprise a tailored range of planned maintenance services – you choose what you want to match precisely your budget and needs. Each agreement can also include unplanned service call-out days at a preferential rate and with priority over non-service agreement customer call-outs.

Assured preventative maintenance helps to ensure smooth and efficient plant operation by reducing the risk of breakdown and costly downtime. It also maintains the highest levels of performance for reduced operational costs and adherence to H&S requirements.

The range of service contracts available to you include:

- Boilerhouse
- Controls
- EasiHeat™
- EasiHeat™ extended warranty
- Humidifier
- Metering
- Plate heat exchanger cleaning
- Steam system conditioning
- 24 hour-priority response cover
- Multi-product
- Encompassing all of your Spirax Sarco equipment
- Valve reconditioning





I lack the experience, resources or time to install equipment for my system and have it operating correctly.



The service for you is...

## INSTALLATION AND COMMISSIONING

If installation and commissioning are not undertaken accurately, plant performance can fall short. We always provide comprehensive installation and commissioning instructions that your engineers can follow, or can supply dedicated commissioning engineers to carry out these important tasks for you.

Whether you have either a single engineered component or fully managed turnkey projects, this service is available to you.

There are several ways our installation and commissioning service can help you:



**Rapid implementation of survey recommendations**  
Avoiding the cost of delay



**Reduced risk**  
Installation handled by experienced specialists to avoid post installation problems



**Reduced time and cost**  
Experienced installation teams to ensure minimal downtime



**Capacity management**  
No need to take valuable team members off core functions to complete the installation



**Quality procedures**  
We perform quality checks as part of the installation so you have the reassurance that these procedures are covered and documented



**Clear reporting / accounting**  
The whole process is clearly and concisely documented





I want to ensure my steam system is operating at peak efficiency.

The service for you is...

## STEAM TRAP SURVEYS AND MANAGEMENT

Surveys can cover a wide range of equipment including steam traps, high limit control equipment and condensate pumps. The most popular survey is the steam trap survey, which will provide you with a detailed report, laid out in an easy to read format.

The report will identify practical ways of optimising steam trap performance to help keep your system running economically and at peak performance, whilst showing the savings to be achieved. The report will also highlight other areas observed during the survey that are potentially causing your energy losses and of efficiency.

Once the survey is complete and your steam trap population is brought up to peak operating efficiency, a steam trap management service can save you money and effort by taking responsibility for keeping your traps running at maximum efficiency year after year.

There are several ways our steam trap surveys can help you:



**Performance measures**  
Gain a detailed picture of your system efficiency



**Energy optimisation**  
Areas for energy optimisation identified



**Health & safety compliance**  
Provides the peace of mind that your steam traps are operating safely



**Valuable management information**  
Provided through the asset list



**Simplified investment decisions**  
Justify improvements with an assessment of payback and benefits



**Flexibility**  
Choose the surveys and services to match available budget and business objectives





I have recently purchased a replacement valve or I'm looking for a full valve overhaul, repair and pressure testing service.



The service for you is...

## VALVE RECONDITIONING

Having your replaced valve repaired would give you a spare on site, especially if it is for a critical process, giving you peace of mind.

The refurbishing of valves are performed in a dedicated and fully equipped workshop, making it possible to calibrate and recertify a wide range of your valves, including:

- Control valves
- Gate valves
- Globe valves
- All other manual valves
- Parallel slide valves
- Safety valves\*

\*Many insurers require these to be done annually on boilers and bi-annually on other pressure related equipment.



### A cost-effective alternative to replacing parts

A wide range of valves refurbished through a single supplier and easier on your budget than replacing with new valves



### Helps you maintain maximum uptime

Improving your system efficiency and reducing the risks of downtime



### Quick to repair/replace

We can refurbish your valves either on or off-site and our valve replacement service keeps your system running



### Ensures your compliance with industry regulations

Including the Pressure Equipment Regulations 1999 and the Pressure Systems Safety Regulations 2000



### Adheres to your health and safety requirements

Reduces the risk of failure and provides evidence of compliance through certification





**I need advice on energy savings, good engineering practises and steam generation efficiency.**



The service for you is...

## **STEAM SYSTEM AUDITS**

Whether that's energy efficiency, carbon minimisation, health and safety or achieving best practice in operations. Audits range from a check-up for a single plant room to benchmarking an entire steam system, from the water treatment plant right through to process applications and condensate return.

Following the on-site work, a detailed and comprehensive report is produced and presented back to you.

Surveys are typically part of the audit process and may also be recommended in an audit's report.

**The benefits of a steam system audit include:**

- Identify achievable energy savings with calculated return on investment
- Highlight health and safety shortfalls
- Detect water treatment issues such as corrosion and scaling
- Recommend productivity improvements for greater steam generation efficiency
- Advice on good engineering practice







I would like to discover how to keep my steam quality in top condition to meet compliance standards and include steam within my HACCP.



The service for you is...

## STEAM QUALITY TESTING

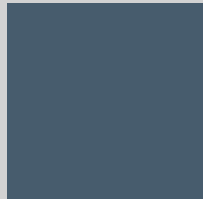
Manufacturers are legally bound to ensure the quality of the final product by identifying potential hazards and controlling them, typically using a HACCP approach. Do you consider steam to be part of this process?

**The scope of the service includes:**

- Measuring dryness value and dryness fraction to assess steam wetness and its suitability for the steam plant being supplied
- Measuring the level of incondensable gases in the steam
- Monitoring of steam pressure and temperature to find potential problems with peak loads or other steam supply shortfalls
- Inspecting the physical steam system and its operation, from boiler water treatment to condensate return
- Issuing a steam quality certificate and a full report with recommendations for maintaining or improving steam quality to raise operating efficiency of the entire steam system

**Benefits of steam quality testing include:**

- Comply to requirements of EN285, HTM 2010, CFPP & food safety
- Eliminate wet or dirty steam in your system
- Cut your energy costs
- Improve productivity and product quality
- Reduce maintenance workload





I am looking to prolong the life of my boiler and steam system.



The service for you is...

## **BOILER WATER TREATMENT SERVICE**

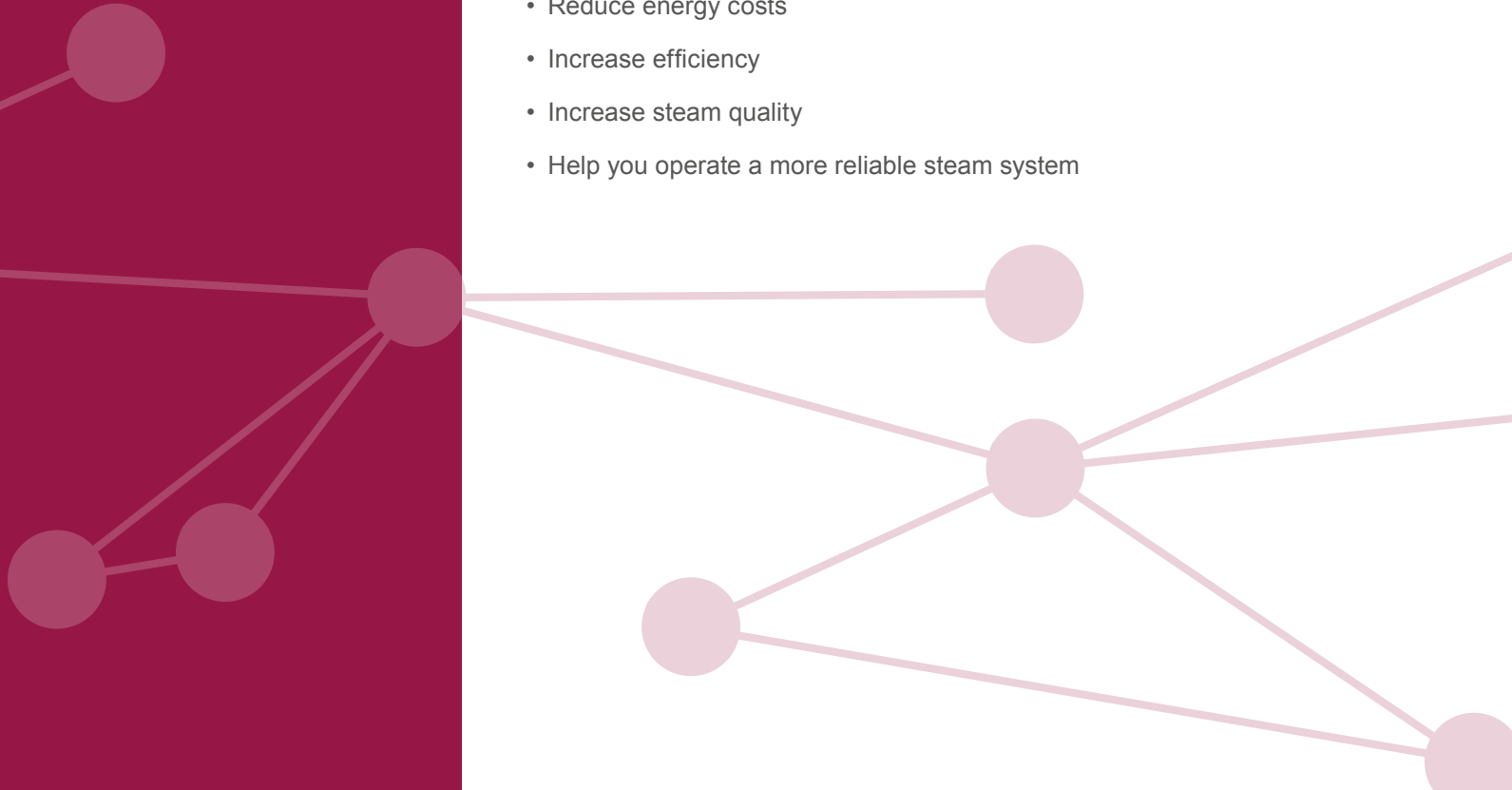
The right boiler water treatment is important to minimise scale formation and corrosion.

Ineffective water treatment can reduce the life of plant and can even lead to a catastrophic failure.

A fully comprehensive boiler water treatment service provision is inclusive of chemical supply and pre-treatment equipment servicing.

### **Benefits of a boiler water treatment service include:**

- Reduce energy costs
- Increase efficiency
- Increase steam quality
- Help you operate a more reliable steam system



“

I would like help to prepare for the mandatory annual insurance inspections of my steam boilers and pressure vessels.

”

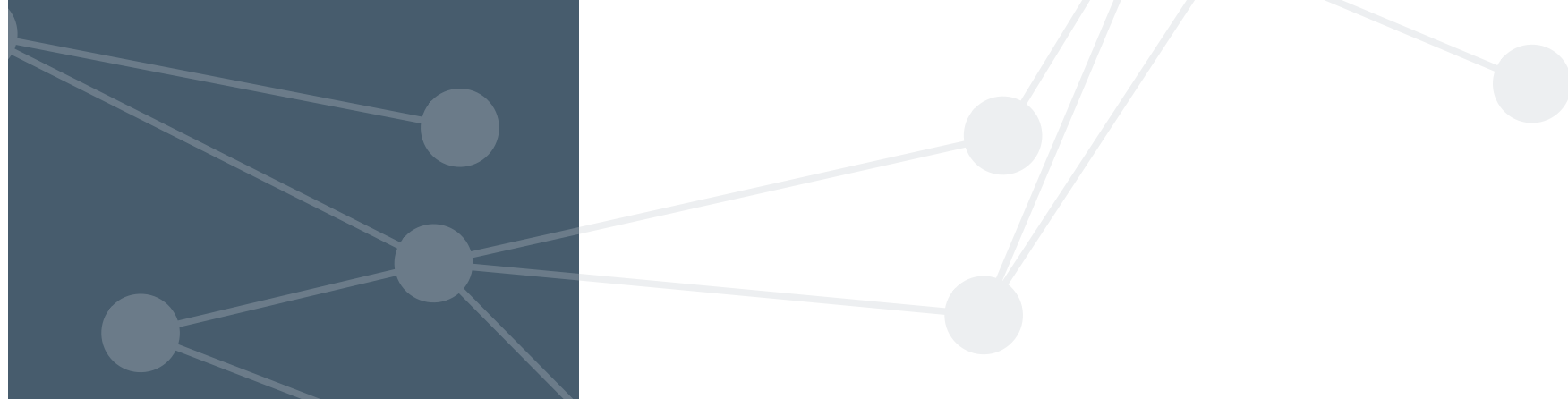
The service for you is...

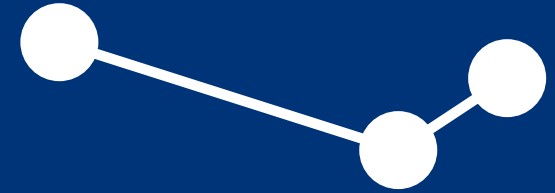
## BOILER PREPARATION SERVICES

Have your boilers prepared for annual insurance inspection, and periodic non-destructive testing (NDT), and rebuilt on completion. Engineers will strip down control and other equipment to ensure inspectors can access the boiler properly.

**Benefits of boiler preparation services include:**

- Confidence that your boiler annual insurance strip down preparation and rebuild is in the hands of expert engineers
- Free up time for site based engineers to concentrate on other critical functions
- Valve certification and pressure testing can also be incorporated into this offering giving you complete peace of mind





If you need a helping hand with any of the information in this quick start guide, please contact the Spirax Sarco team on [lets.talk@uk.spiraxsarco.com](mailto:lets.talk@uk.spiraxsarco.com) and we'd be happy to help.