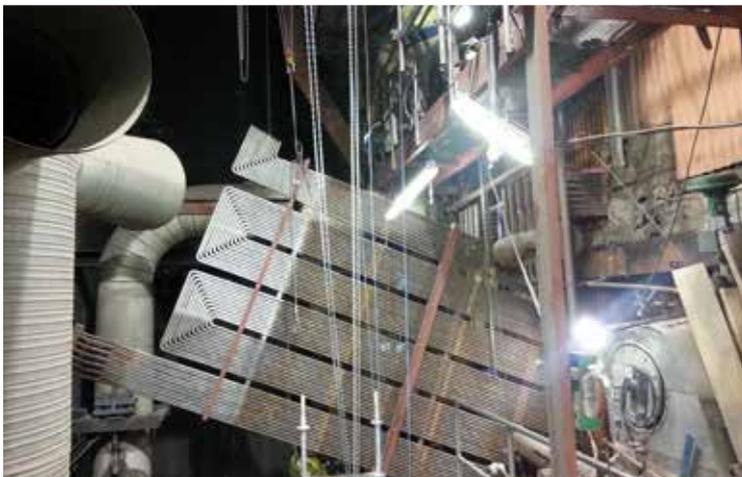




Rehabilitation and service of utility boilers

POWER STATION SERVICE



REHABILITATION AND SERVICE

Give your boiler plant new life and reduce the annual operating costs.

By applying our rehabilitation and maintenance program, Burmeister & Wain Scandinavian Contractor (BWSC) can extend the lifetime of your boiler plant to make sure that it always performs at its best. By adding new technology that did not exist when the plant was first erected, we can make it an operationally and financially attractive asset adapted to modern environmental requirements.

The work needed could just be a simple repair, or it could be a comprehensive renovation for:

- **Life extensions**
- **Efficiency improvement**
- **Capacity increase**
- **Fuel conversions**
- **Low-NOx firing systems**

Revision of small-scale and large-scale plants

BWSC has specialised in the maintenance of boiler plants. Our range covers everything from simple repair jobs to extensive, life-prolonging retrofits as well as the installation of new components and control systems.

Once your boiler plant has routinely been taken out of operation, we are ready to carry out the necessary revision

in the shortest possible time, either independently or in co-operation with your technical staff. Well ahead of the works, an extensive inspection of the plant will have been carried out using the necessary equipment. On the basis of this thorough inspection we will have prepared a suggestion for possible renewals and repairs.

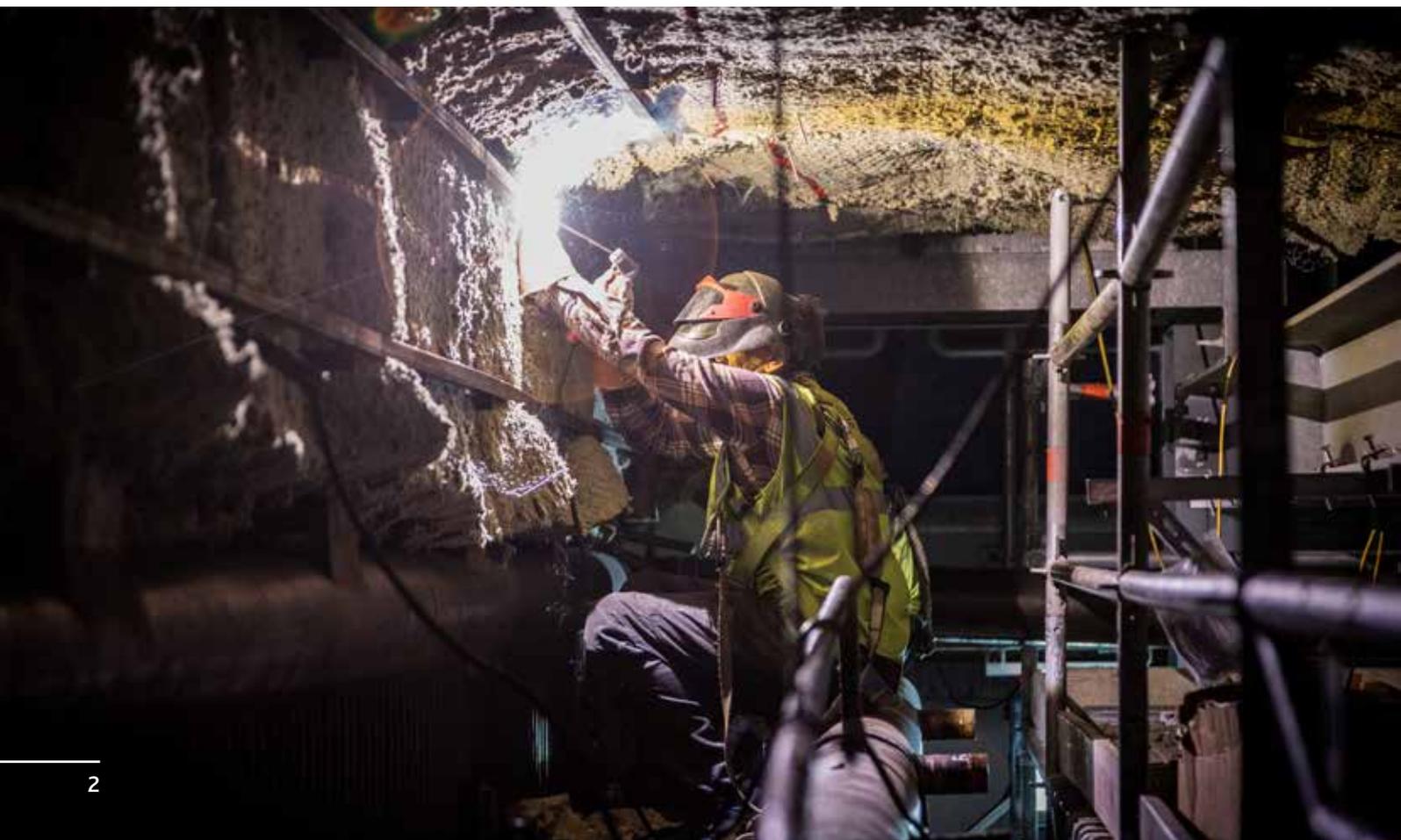
Conversions

BWSC has great experience in boiler conversions of all types, including conversion from one fuel to another, life extending retrofits such as the replacement of drum and heating surfaces, or an exchange of old firing systems with modern, efficient low-NOx firing systems.

BWSC is able to take the overall responsibility for conversion assignments - even for boiler plants which were not originally supplied with a BWE Boiler.

Let BWSC take the conversion of your boiler plant in hand; we have the necessary expertise so you can rest assured that the change will be a profitable investment.

As a leading supplier of Air Preheaters, Gas-Gas Heaters and Combustion Systems, BWSC can help you with rehabilitation and improvement of existing plants.



Chemical cleaning and preservation

BWSC offers chemical cleaning and preservation of small and large-scale boiler plants, industrial plants, drums, piping systems and much more.

Chemical cleaning must be tailored to achieve optimal efficiency. First, we analyse the extent of fouling and the chemical composition of the linings. On the basis of this analysis, we engineer a solution to ensure your plant operating conditions are optimised.

Chemical cleaning is carried out by establishing provisionals, temporary pipelines and by erecting pump station and dosage tanks. We establish the necessary discharge facilities and see to the necessary neutralisation of used chemicals.

The entire process is documented by testing samples for pH-values, acid concentration, dissolved iron and inhibitor effect.

BWSC provides a written guarantee against weight loss, surface quality, rise in conductivity etc.

Built-in refractory constructions

BWSC offers maintenance and retrofits for built-in refractory constructions and high temperature insulation as an integrated part of our service program.

We carry out asbestos clearance with the complete removal of boiler plant materials containing asbestos.

Emergency breakdown

An unforeseen operational stop is always inconvenient and often results in costly operating losses. The failure must be located and repaired as quickly as possible. BWSC has a 24-hour emergency service and offers immediate assistance.

Irrespective of where in the boiler plant the failure has occurred, BWSC service staff have the necessary experience and professional expertise to locate and solve the problem. The plant is quickly back in operation and your operating loss has been reduced to a minimum.

Special assignments

We carry out all types of construction assignments involved in erecting plants. This includes the largest conceivable erection units such as drums, heat exchangers, conveyor plants, and supporting structures. These assignments can be carried out as partial or turnkey contracts.

BWSC has specialised in the manufacture and supply of piping systems for power stations, industries and petrochemical plants, with a main emphasis on high and medium pressure piping.



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FACTS ABOUT BWSC

- World-leading turnkey EPC contractor and service provider for diesel, natural gas and renewable baseload power plants for electricity generation and thermal energy production
- More than 180 power plants designed and supplied in 54 countries
- Two decades of experience in operation and maintenance of power plants
- A comprehensive range of power plant support services, from spare parts to complete rehabilitation
- Training programmes for all aspects of power plant operation and maintenance
- Extensive experience in financing and development of power plant projects
- Headquarters in Denmark – widespread international sales and support network
- 900 employees in our main office and on power plants around the world
- 100% subsidiary of Mitsui Engineering & Shipbuilding Co. Ltd., Japan
- Certified according to ISO 9001 and OHSAS 18001
- Long-standing AAA rating, 2016 revenues: EURm 395

In 2017 BWSC entered the boiler business by acquiring Burmeister & Wain Energy A/S. BWE has developed, designed and delivered highly advanced steam boilers for public as well as private power distributors since 1852. With the experience and track record coming from the world's oldest boiler producer, BWSC is now capable of delivering BWE Boilers.

Like BWSC, BWE has its roots in Burmeister & Wain.



Burmeister & Wain Scandinavian Contractor A/S