



## SAACKE boiler repair

*We put life back into your boiler*

*Fast, efficient and quality repairs by SAACKE*

With a fine reputation for the manufacture of combustion equipment and boilers, SAACKE also operates a worldwide repair organisation with major expertise on hand. The repair department has been set up with two objectives: to utilize the design and production facilities of our factories to undertake assignments on SAACKE boilers and also to manufacture or supply materials and provide repairs for boilers and heat exchangers from other manufacturers.

SAACKE has developed a reputation for fast, efficient, quality repairs at competitive prices.

All boiler material supplied by us (tubes, tube plates, membrane walls, etc.) carries the necessary class approvals and, as customers would expect from a well-reputed OEM, our repair work is backed up by the essential approvals, procedures and certification.

Customers can take advantage of our services on either a case-by-case basis, or as part of a tailor-made strategic agreement. As a major OEM, SAACKE offers these services with full back-up and support from a worldwide network of branch offices and associated service providers.

SAACKE is not only the company to call when you are in trouble, we are also there to advise and consult, and in turn prevent major breakdowns from happening – to guide and assist the conscientious and fore-sighted shipowner.

### Advantages at a glance

- ✔ Stock of material for production of tubes, tube plates, etc.
- ✔ One stop for clients needing materials and service
- ✔ OEM service at competitive prices
- ✔ Worldwide support through branches and associated companies
- ✔ Production of parts for repairs of marine boilers from any manufacturer
- ✔ European HQ with operations in the Americas, Asia and Middle East
- ✔ Packages offering discounts on service and spares

### Our activities

- ✔ Surveys and inspections
- ✔ Full and partial re-tubes
- ✔ Short notice worldwide emergency repairs, such as plugging, welding, etc.
- ✔ Refractory supply/installation/replacement
- ✔ Production and supply of classification approved boiler repair parts

## Areas of expertise include

- ↘ Emergency spot repairs
- ↘ Major boiler repair and refurbishment
- ↘ Boiler preparation for annual survey
- ↘ Boiler 5-year special survey preparation
- ↘ Furnace refractory and burner quarls renewal
- ↘ Valve overhaul, repair and replacement
- ↘ Boiler heating surface cleaning

## References

### MV Cielo di Agadir (d'Amico Shipping/IT)

Complete retubing of auxiliary boiler type Spanner, including redesign of tube bank and complete replacement of obsolete swirliflow tubes by standard plain smoke tubes.

### MV Artania (Phoenix/V-Ships Leisure/FR)

Complete retubing of auxiliary boiler type Sunrod CPH, including replacement of all pin-tubes, complete membrane wall, burner opening, downcomers and renewal of complete refractory.

### MV Queen Mary 2 (Cunard/Carnival UK/GB)

Complete underway retubing of two auxiliary boilers type FMB-VMP, including replacement of all smoke tubes, complete membrane wall, burner opening and downcomers.

### MV Louis Olympia (Louis Cruises/GR)

Complete renewal of 5 pcs. finned-tube exhaust gas boilers for auxiliary engines. Delivery of new boilers in parts and assembly on board by SAACKE repair team.

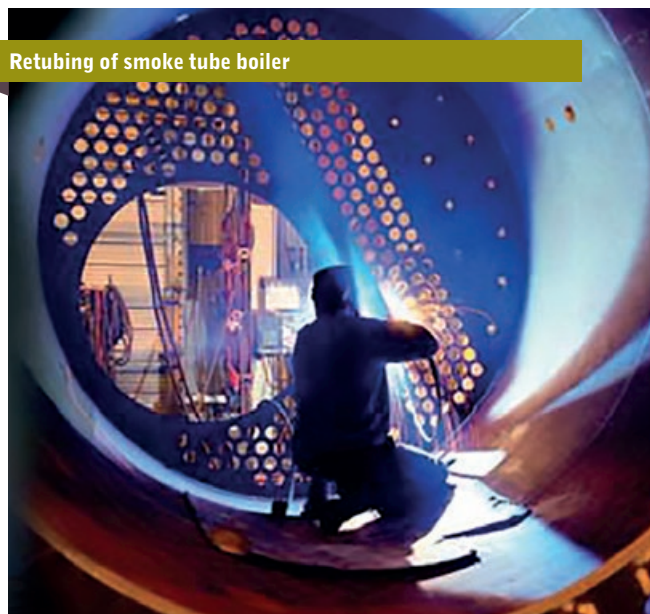
### MV Hammonia Antofagasta (Hammonia Reederei/DE)

Complete renewal of furnace top plate, upper tube plate and smoke tubes on composite boiler CMB-VS during drydock.

Renewal of flame tube



Retubing of smoke tube boiler



Replacement of fin tube register

