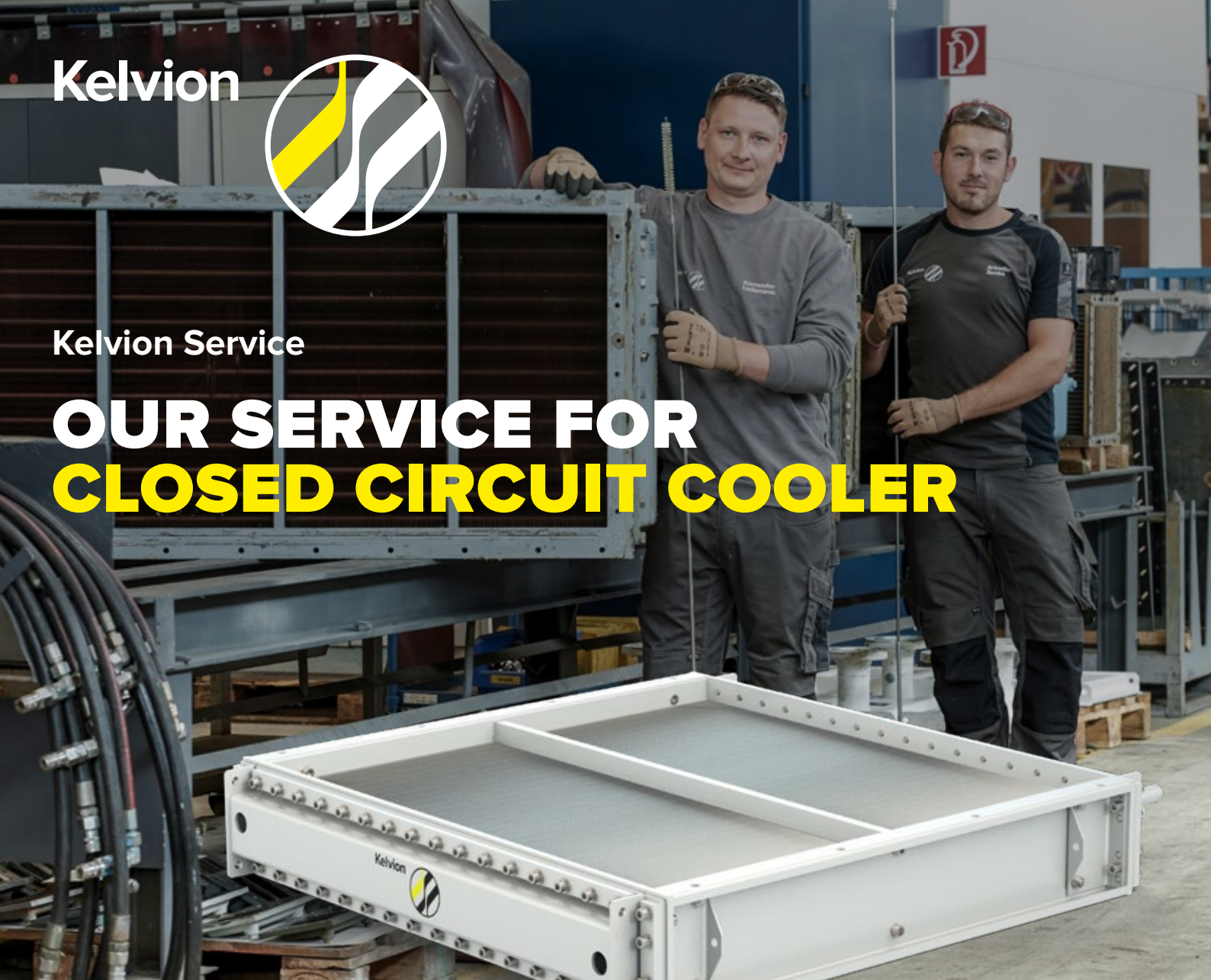


Kelvion



Kelvion Service

OUR SERVICE FOR CLOSED CIRCUIT COOLER



PRECISE SERVICE | LONGER LIFETIME

Closed circuit cooler tubes can become clogged due to a build-up of deposits. This can cause heat spots, cracks and leakages or damage to the fins and coatings. With proper and regular servicing, Kelvion can help to avoid the generator stator or electrical drive to overheat which can lead to catastrophic failures. The Kelvion Service includes cleaning and testing, recoiling, recoating of water headers, repairs and reverse engineering to keep your application running smoothly, for much longer.

ALL BRAND SERVICE

Besides being experts in our own products and our former brands, we also have the expertise to service other brands.

YOUR TOP 5 CHALLENGES



AVOID UNSCHEDULED DOWNTIME



PREVENT CAPEX INVESTMENTS



INCREASE PROCESS EFFICIENCY



MANAGE THE VARIETY OF BRANDS



HAVING THE RIGHT MAINTENANCE SKILLS

SERVICE PORTFOLIO – CLOSED CIRCUIT COOLER



START-UP & ONSITE SERVICES

- ▶ Assistance to assembly and disassembly, shipping and transport
- ▶ Supervision of installation by Kelvion experts
- ▶ Onsite repairs



SPARE PARTS & SPARE PART SOLUTIONS

- ▶ Spare parts
- ▶ Cleaning brushes
- ▶ Service kits
- ▶ Leakage detectors for double tube systems



UPGRADES & REPLACEMENTS

- ▶ Modifications and replacements of Kelvion and non-Kelvion products
- ▶ Design change from existing single tube design to state of the art fin tube systems



REPAIRS, OVERHAULS & MAINTENANCE

- ▶ Complete overhaul, repair or new production
- ▶ Renewal of corrosion protection and exterior painting

- ▶ Onsite and at factory: Cleaning water- and air side of Kelvion and non-Kelvion products (cleaning method depending on the pollution)
- ▶ Brush cleaning tube side including documentation of results
- ▶ Cooler examination including leak test



MONITORING, CONSULTING & TRAINING

- ▶ Examination and assessment of operating conditions
- ▶ Endoscopic examination of tube side regarding pollution, corrosion and erosion
- ▶ Examination of fin side regarding pollution, corrosion and erosion
- ▶ Analysis of water and other product samples
- ▶ Investigation of corrosion problems (destructive testing and sample analysis)
- ▶ Assessment of deposits or corrosion products which may possibly occur on the tube side
- ▶ General visual inspection and documentation of results
- ▶ Pressure test (tube and gas side)

RETUBE YOUR COOLERS

Closed circuit coolers often come into contact with substances, such as oil, salts and condensates, which can corrode or erode the fins, coatings and tubes. Pollutants can also enter open water cooling circuits, leading to an accumulation of deposits that can block the tubes and cause leaks from the joints and seals. Kelvion will recoil the coolers with new inserts, using the latest modifications and materials, to allow optimum efficiency and reliability.



Recoiling of a closed circuit cooler is one of the most effective and easiest ways to get your heat exchanger running smoothly again.

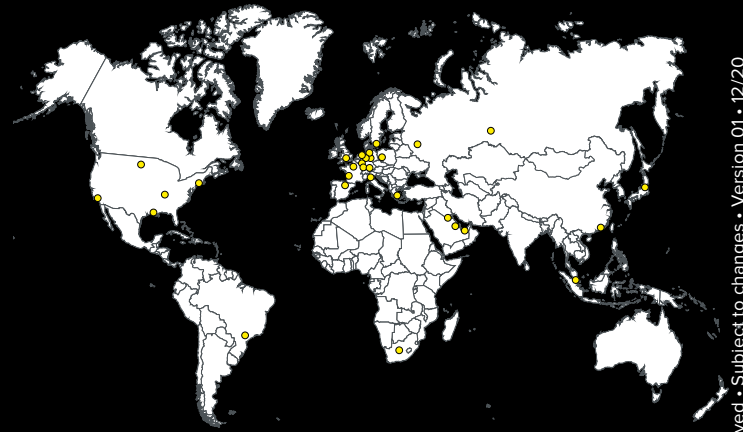
FULL SERVICES FOR YOUR APPLICATION

Kelvion generator surface coolers are installed in most power plants to cool the stators of generators. One application is hydro turbines where Kelvion can support replacements, modifications and upgrades as a total package, including the transformer coolers, plate heat exchangers and shell & tube heat exchangers (e.g. lube oil coolers).

www.kelvion.com

MORE THAN 30 SERVICE LOCATIONS WORLDWIDE

The Kelvion Service starts from our first contact with you and continues after your order has been delivered, with us as your reliable service partner. With many years of experience in the field of service management, along with our service centers worldwide, we can guarantee the satisfaction of our customers.



+ (800) 53587378 (Please dial UIFN international access code)



service@kelvion.com



www.kelvion.com/service