

Kelvion



Kelvion Service

OUR SERVICE FOR PRESSURE GAS COOLER



REGULAR SERVICE = IMPROVED CAPACITY

The pre-, inter-, and aftercoolers for gas compressors are an integral part of driving the plant efficiency. Regular servicing and upgrades will lead to improved cooler capacity and boost the plant's performance. Preventive maintenance and services will also help to avoid defects before they occur, such as leakages caused by corrosion, or compressor vibrations causing cracks in tubes and sidewalls. The Kelvion Service includes spare parts, modifications, repairs, upgrades and reverse engineering to keep your application running smoothly.

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 – PRESSURE GAS COOLER



START-UP & ONSITE SERVICES

- ▶ Installation & Commissioning
- ▶ Assistance to assembly and disassembly
- ▶ Supervision of installation by Kelvion experts



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

- ▶ Cleaning of the cooling bundle (inside and outside) and the boiler
- ▶ Brush cleaning of the tube side including documentation of results
- ▶ Renewal of corrosion protection and exterior painting
- ▶ Retubing
- ▶ Repairs / Emergency repairs
- ▶ Pressure testing on water side



SPARE PARTS & SPARE PART SOLUTIONS

- ▶ Cooling bundles
- ▶ Gaskets and screws
- ▶ Water separators
- ▶ Cleaning brushes



MONITORING, CONSULTING & TRAINING

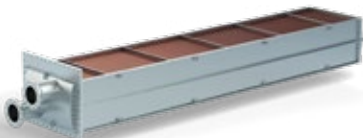
- ▶ Examination and assessment of operating conditions
- ▶ Endoscopic examination of tube side regarding pollution, corrosion and erosion
- ▶ Examination of fin side regarding pollution, corrosion and erosion
- ▶ Analysis of water and other product samples
- ▶ Investigation of corrosion problems (destructive 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

IMPROVE YOUR PLANT EFFICIENCY

To improve the cooler efficiency and therefore to increase the plants' output Kelvion supports customers to enhance performance considering thermal calculations and material upgrades. E.g. the replacement of single tubes by compact fin bundle solution can significantly reduce CAPEX. This is because the Kelvion compact fin solution allows for a higher cooler capacity in the same footprint.

REPLACEMENT OF COOLING BUNDLES

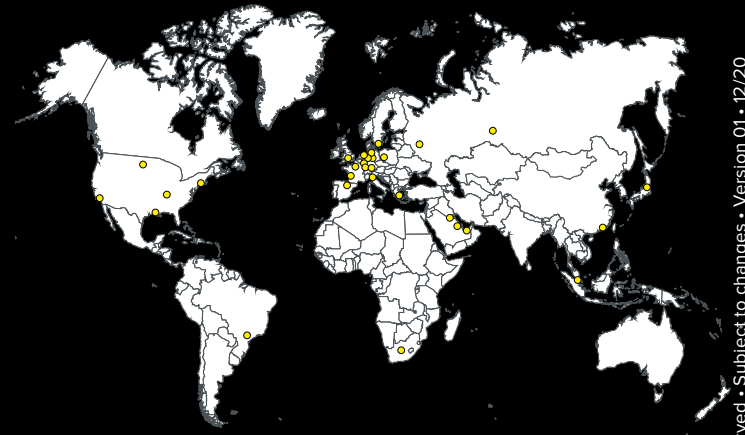
After years the compressor cooler can be affected by e.g. corrosive media which runs through the heat exchanger every day. In this case, after mechanical and thermal analysis, a replacement of the cooling bundle can easily help to solve the problem so that no long downtime of the equipment is necessary. The original housing of the cooler itself (even it is a non-Kelvion product) can be retained so that there is no impact on the specified plot space in the plant.



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