

**SULZER**

**Sulzer Turbo Services**

## **Contracts and Engineering**



## We Supply Uptime - Contracts and Engineering at Sulzer Turbo Services

Maintenance of the rotating equipment within your process is key to the successful operation of your plant and you have to balance this operational issue with continuously focussing on core business.

Sulzer Turbo Services offers a solution to this challenge. We can provide technical support, plant upgrades, revamps, long-term maintenance, healthcare and service contracts for your steam and gas turbines, compressors, driven equipment and balance of plant. We supply you turbomachinery-uptime, allowing you to concentrate on what is essential to your company.

Sulzer Turbo Services is an independent service-focused business with a wide ranging technical expertise. Our service approach ensures that maintenance, repair and revamp is the focus; gaining the maximum life and value from your existing plant.



We recognize how important time is to your business and aim to provide a faster and shorter service cycle. We do this by providing around the clock access to support and by being

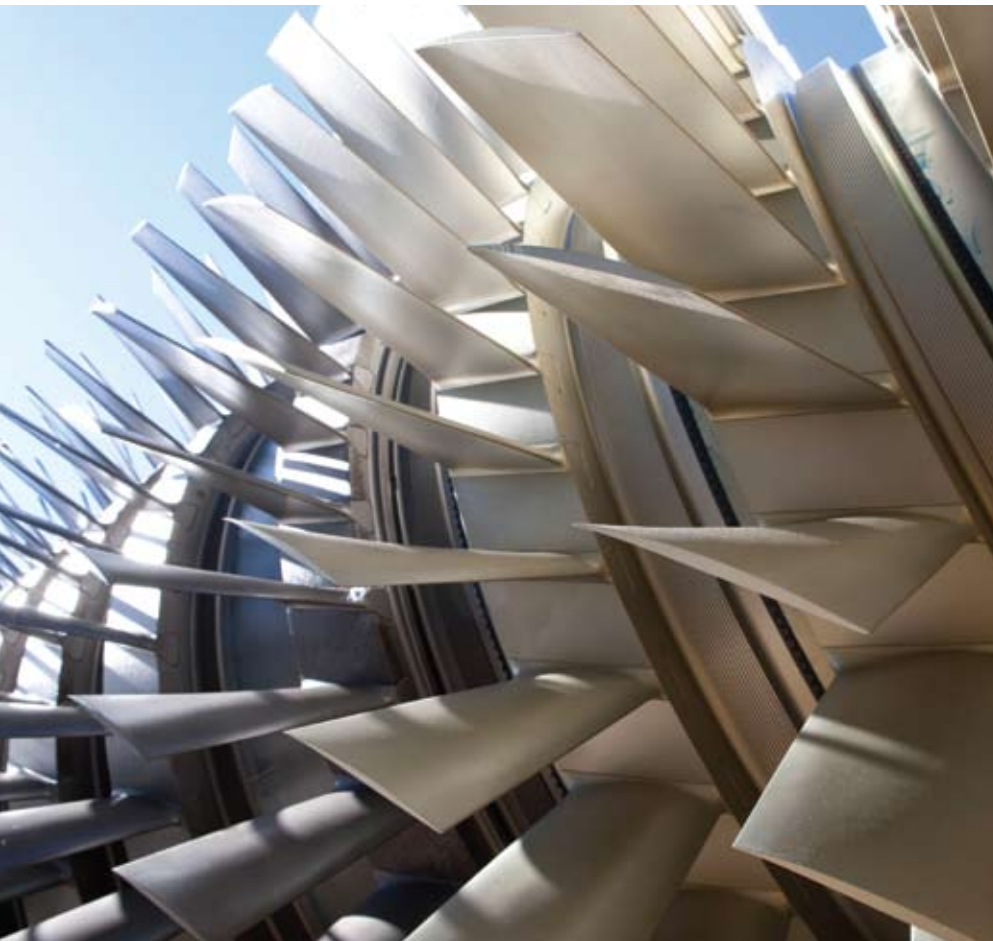
close to our customers, wherever they may be. Performance-based long-term maintenance agreements give you the security you need. You can expect that your turbomachinery

will be online whenever you need it. Clearly defined performance indicators and managed risk transfer make sure that you only pay for solutions that benefit your operations.

## New Parts/Replacement Parts

We focus on life extension, however, parts have to be replaced. Sulzer Turbo Services offers design and manufacturing capabilities for new components in both hot and cold sections, including blades, vanes, liners, or hot-gas casings. All supplied parts are supported by a full warranty, which can be extended to include part life-cycle guarantees simplifying your cost control.

Sulzer Turbo Services has design, logistics and manufacturing capabilities that provide new components to support any equipment under our care. Our established expertise in gas turbine, steam turbine, compressors, power generation equipment and balance of plant provides guaranteed pricing that reduces your life-cycle costs and again simplifies your cost management.



We operate a truly global manufacturing and supply network which draws from Sulzer Turbo Services own manufacturing capacity and our supply partners.

The service is well established and proven to have the right parts available at the right time.

## Engineers by Tradition - Innovative Solutions for 175 years

Sulzer Turbo Services is part of the Swiss Sulzer Corporation, the company that invented the turbo charger 100 years ago and once built the world's largest diesel engines. With this pedigree, we are able to provide truly innovative engineering solutions. In addition to using our own capabilities, we can mobilize resources from all over the Sulzer Corporation. The metrology and materials experts within Sulzer Turbo Services are supported by the R&D unit, Sulzer Innotec, and the specialists of other divisions.

Gas turbines, steam turbines, or compressors; we repair all types of turbomachinery ancillary equipment; our gas turbine repair capabilities cover all models, including advanced technology turbines with elevated inlet temperatures. Sulzer Turbo Services has the knowledge and facilities to repair, rerate, overhaul and balance from the small and simple to the large and most complex turbomachinery in use today. We offer our technology-driven services to end users and operators of equipment produced by all the main manufacturers, including full engineering rerate and design capabilities for compressor upgrade projects.



Full restoration of all critical high-speed rotating equipment is a speciality of Sulzer Turbo Services. Complete packaged skids as well as individual components are routinely handled.

Besides our basic repair and overhaul services, we also offer operational speed balancing, coatings, manufacturing of blades, nozzles, combustion sections, diaphragms and impellers

and automated advanced welding for rotor restoration. Our engineering services capabilities include rerates, upgrades, failure analysis and in-house metallurgy.

## Close Support for our Customers Around the Clock

Our skilled workforce is an asset at your disposal. Our engineers, supervisors, and experienced craftsmen provide a variety of services, including all major inspections of combustion turbines, steam turbines, centrifugal compressor trains, expanders and other critical rotating equipment.

With seven workshop locations on four continents and several regional offices, we are near your site wherever you are. We can perform these services on a scheduled or unscheduled emergency maintenance outage. Sulzer Turbo Services provides all required tooling as a normal part of our service as well as specialized alignment and inspection equipment.

We also have a team of world-class experts who can record data and analyze your rotor-dynamic problems on site. The scope of our services can be tailored to meet your specific needs from providing technical support to complete outage management, including recommissioning.



When we work with you from the pre-planning phase, you can benefit from our wide experience in managing rehabilitation projects. Working

together with your engineering team Sulzer Turbo Services is able to offer bespoke solutions allowing you to make informed decisions knowing

the budgetary impact. We are therefore able to provide support from conceptual engineering and budgeting to completion of the project.

## Safety and Quality is Paramount

Sustainability is deeply rooted in the Sulzer business philosophy and defines a key element of corporate strategy and vision. Sulzer manufactures energy-saving solutions for its customers, and acts as an environmentally conscious producer, and also invests in its employees. Sulzer has set high standards in all it does and measures its economic, social and ecological performance according to set targets using a sustainability database and key performance indicators.



High quality service, attention to detail and speed are the goals we strive to achieve. We are ISO 9000 certified and ISO14001 compliant. The Sulzer Turbo Services' experi-

ence list includes many of the major industrial markets and corporations in the world and has been well-earned over a period of nearly 35 years. Our engineering teams and project lead-

ers, our manufacturing experts and our field service division make every effort to offer the most comprehensive service restoration and maintenance packages available in the industry.



Sulzer Turbo Services  
Contracts and Engineering  
Zürcherstrasse 12  
8401 Winterthur  
Switzerland  
Phone +41 52 262 3444  
Fax +41 52 262 0045  
E-mail [sulzerts@sulzer.com](mailto:sulzerts@sulzer.com)

[www.sulzerts.com](http://www.sulzerts.com)

Argentina

**Sulzer Turbo Services Argentina SA**  
Talcahuano 736, 7th floor  
C1013AAP Buenos Aires  
Argentina  
Phone +54 114373 6327  
Fax +54 114374 0680  
E-mail [sulzertsargentina@sulzer.com](mailto:sulzertsargentina@sulzer.com)

USA

**Sulzer Turbo Services Houston Inc.**  
11518 Old LaPorte Rd.  
LaPorte, Texas 77571  
USA  
Phone +1 (713) 567 2700  
Fax +1 (713) 567 2830  
E-mail [sulzertshouston@sulzer.com](mailto:sulzertshouston@sulzer.com)

The Netherlands

**Sulzer Turbo Services Rotterdam B.V.**  
Moezelweg 190  
NL-3198 LS Europort Rt.  
The Netherlands  
Phone +31 (181) 282 000  
Fax +31 (181) 282 002  
E-mail [sulzertsrotterdam@sulzer.com](mailto:sulzertsrotterdam@sulzer.com)

**Sulzer Turbo Services Venlo B.V.**  
Spikweien 36  
NL-5943 AD Lomm  
The Netherlands  
Phone +31 (77) 473 8666  
Fax +31 (77) 473 2785  
E-mail [sulzertsvenlo@sulzer.com](mailto:sulzertsvenlo@sulzer.com)

Canada

**Sulzer Turbo Services Canada Ltd**  
5218 - 68th Avenue NW  
Edmonton, Alberta T6B 2X7  
Canada  
Phone +1 (780) 577 9200  
Fax +1 (780) 577 9201  
E-mail [sulzertscanada@sulzer.com](mailto:sulzertscanada@sulzer.com)

USA

**Sulzer Turbo Services New Orleans Inc.**  
1516 Engineers Rd.  
Belle Chasse, New Orleans, LA 70037  
USA  
Phone +1 (504) 392 1800  
Fax +1 (504) 392 2235  
E-mail [sulzertsneworleans@sulzer.com](mailto:sulzertsneworleans@sulzer.com)

Switzerland

**Headquarters: Sulzer Turbo Services**  
Zuercherstrasse 12,  
P.O. Box 414  
CH-8401 Winterthur,  
Switzerland  
Phone +41 (52) 262 3444  
Fax +41 (52) 262 0045  
E-mail [sulzerts@sulzer.com](mailto:sulzerts@sulzer.com)

Indonesia

**PT. Sulzer Turbo Services Indonesia**  
Kawasan Industri Kota Bukit Indah  
Blok A II, Kav. 1C-1D  
ID-Purwakarta 41181  
Indonesia  
Phone +62 (264) 351 920  
Fax +62 (264) 351 143  
E-mail [sulzertsindonesia@sulzer.com](mailto:sulzertsindonesia@sulzer.com)

