

**SULZER**

Sulzer Turbo Services

**Sulzer Turbo Services Argentina S. A.**



## Sulzer Turbo Services

### Sulzer Turbo Services Argentina Capabilities

Capime Ingeniería S.A., which achieved sales of approximately CHF 13 million in 2007 and employs around 90 people, has been integrated into the Sulzer Turbo Services division. With this acquisition, the division expands its business in South America and strengthens the platform for further growth in the region. The acquisition followed a long ongoing business relationship between Sulzer Turbo Services and Capime.



a full engineering staff is available to be involved in all phases of repairs, upgrades, and re-rates.

We can offer our engineering experience and expertise in a wide range of activities:

- Assembly of turbogenerators with gas and steam turbines and turbocompressors
- Start-up process
- Scheduled and emergency maintenance
- Technical assistance, supervision, and skilled labor
- Reverse engineering, refurbishment and repair of gas and steam turbine components
- TBC for hot gas path parts
- Repair of generators and motors
- Field service worldwide
- On-site dynamic balancing
- Workshop services - Refurbishments and repairs

#### Acquisition between Sulzer Turbo Services and Capime

Capime Ingeniería S.A. was established in 1975 providing repair, maintenance, and installation services for a variety of turbines, turbine components, and auxiliary systems in various countries in South America. Capime focuses on customers in the power utilities and the oil and gas upstream and downstream segments. The company also provides replacement parts, component repairs, and field services.

Sulzer Turbo Services is the largest independent provider of repair and maintenance services for thermal turbomachinery and other rotating equipment. The division also manufactures and sells replacement parts for gas turbines, steam turbines, and compressors. The customers of Sulzer Turbo Services are active in the oil and gas, hydrocarbon processing, power generation, and other industrial markets.

Now as part of the Sulzer Turbo Services division, we can offer an increasing level of services to customers throughout Latin America.

#### Capability Highlights

Sulzer Turbo Services Argentina's experience in installation, maintenance services and repairs of turbomachinery, its components and auxiliary systems allow us to offer a complete and reliable array of services. Access to

#### Electrical Power Plants

Sulzer Turbo Services Argentina is the supplier of power stations with new or used equipment and provides services to the power generation companies, electric cogeneration and combined cycle. In the field on steam turbines, our company has supplied technical services for maintenance to several customers with our own technical engineers.

<b>Construction and Assembly</b>	<b>Repairs</b>
Supply of gas turbine generators	Rotors - Buckets
Transportation	Bearings
Engineering technical support	Nozzles & Combustion chambers
Training courses	Ancillary equipment
Supply of systems & Ancillary equipment	Alternators & CMM
Start-up	
<b>Operation and Maintenance</b>	<b>Control</b>
Operation of plants and substations	Commissioning
Preventive maintenance	Calibration
Corrective maintenance	Speedtronic & P.L.C.
Services	Trouble-shooting





### Gas Turbine Parts

Sulzer Turbo Services Argentina has developed the process of repairing and supplying gas turbine components. Our ability to supply high quality components with proven processes that extend and maximize individual component life, offers customers an alternative to the OEM. Parts repaired and available include:

#### Supply of Spare Parts

- Hot gas path parts
- Fuel pumps
- Fuel nozzles
- Seals
- Thermocouples

#### Hot Parts Repairs

- Cap & Liners
- Transition pieces
- Buckets (rotating parts)
- Nozzles
- Thermal Barrier Coatings

Programming and supplying spare parts on a just in time basis allows Sulzer Turbo Services Argentina to assure the completion of scheduled inspections.

### Field Service

There is continued increasing demand for out-sourced turbomachinery maintenance and technical expertise. At Sulzer Turbo Services, we have the experienced personnel and the tooling to assist with all our customers field service requirements. Our dedicated staff of technical directors, diagnostic engineers, supervisors and skilled technicians can provide total plant outage maintenance, complete

machinery turnaround staffing, emergency services. Whether the need is to provide total plant outage maintenance, on-site troubleshooting and analysis, or removal, off-site repair and reinstallation of the equipment, our crews are ready and equipped to work for you.

### Long Term Contracts

The acquisition of Capime brings Sulzer Turbo Services 15 years experience in Operation and Maintenance of gas turbine based power plants. Our contract can be configured to include:

- Operation and maintenance of the entire power plant
- Parts, manpower and supervision for all scheduled outages
- Combination of O&M and scheduled outages

### Licensed Representation Agreements

Sulzer Turbo Services Argentina is the licensed reseller and service provider for Young & Franklin and for GTi-Altronics Product lines. These agreements enable us to provide fuel control skids and control valves packaged for both gas and steam turbines. In addition the GTi BiFuel products offers reciprocating engine users running on diesel fuel, and ability to run on methane gas/diesel mixture without compromising efficiency, power or the integrity of their engines.



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