

## Pasadena service center



Sulzer is a global partner delivering reliable and sustainable solutions for your key applications. We offer repair and maintenance services from a single access point for turbines, compressors, pumps, generators and motors. By operating one of the largest service networks in the industry, we are close to our customers with more than 100 service locations worldwide.

### Resources and facilities

Sulzer's comprehensive electromechanical service center in Pasadena, Texas is fully equipped to maintain, repair and sell a wide range of large electric motors and generators for customers in refining, petrochemical, power generation, steel, mining and heavy-manufacturing industries. This service center is also an authorized new motor distributor for many leading OEMs. Over 100,000 sq ft of shop space houses complete electrical, machining and welding capabilities, underneath 100 tons crane capacity. Projects are completed by a highly experienced staff of engineers, project managers, sales managers, and technicians combined with a crew of dedicated craftsmen.

### Benefit from our comprehensive service offering

- Ultra Large Motor inspections and overhauls
- (2) High voltage motor testing centers
- Engineering staff (6-electrical & 3-mechanical)
- Climate controlled storage (inventory management and maintenance)
- Authorized new motor distributor for many leading OEMs
- Synchronous motor control wheel inventory (all manufacturers)
- Turnkey field services and field testing
- 12' VPI tank (dedicated for new rewinds only)
- Varnish dip tank (recondition motors)
- Multiple controlled burnout and bake ovens
- Media blasting
- Balancing
- Vibration analysis
- Laser alignment
- Machine shop services (reverse engineer, manufacture and repair)
- Welding services (buildup and fabrication)
- ISO 9001 Quality Management System, 14001 Environmental, 45001 Occupational Health and Safety certified



## The service portfolio for your electrical equipment

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- Repair and rewind for all electric motors and generators (AC & DC)
- AC motor test run up to 60,000 HP
- DC motor up to 10,000 HP
- (2) Independently powered test panels up to 13,800 VAC & 750 VDC
- 50,000 lb. balancing capability
- Authorized OEM new motor distributor
- Submersible, aerator, canned, and hermetic motors
- Onsite and offsite inspections/testing
- PdMA testing (online and offline)
- Surge comparison testing
- Hipot 80Kv
- Baker advanced winding analyzer
- Partial discharge
- Doble power factor tip up test
- ELCID
- Stator wedge analyzer

## The service portfolio for your turbo generator equipment

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- At-speed balance
- Full static electrical testing
- Ring off inspection
- Re-insulation of coils
- NDT components
- Manufacture new retaining rings & ring insulation
- Mechanical and electrical runouts

## Service center equipment

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- Full range of dynamic balancing up to 50,000 lbs. with over 100" swing
- Horizontal lathes and boring mills
- Vertical lathes and boring mills
- Mills, drill presses, grinders and key seaters
- Specialty welding and fabrication

## Field services

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- Motor and generator on-site evaluation and testing
- AC (synchronous & induction)/DC motor troubleshooting
- Optical laser alignment
- CSI 2140 vibration data collection and analysis
- Equipment removal, installation and commissioning

## About Sulzer

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Through a network of over 100 service sites around the world, Sulzer provides cutting-edge parts as well as maintenance and repair solutions for pumps, turbines, compressors, motors and generators. We service our own original equipment, but also all associated third-party rotating equipment run by our customers, maximizing its sustainability and life cycle cost-effectiveness. Our technology-based solutions, fast execution and expertise in complex maintenance projects are available at our customers' doorsteps.



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