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Company Overview

Complete Turn-Key Turbine & Generator Repair

Reliable Turbine Services is a premier service provider which has assembled dedicated skilled field service resources, equipment and special tooling to provide the power industry with an experienced on-time solution for both planned and unplanned Steam Turbine-Generator maintenance.

Our solid reputation, experience, and expertise are the cornerstone of our success. RTS personnel have experience with virtually all types of Turbine/ Generators including GE, Alstom, Fuji, Hitachi, Mitsubishi, Siemens and Westinghouse designs, from 5 MW to over 1000 MW.

- ▶ Outage pre-planning services including Work Scope and Contingency identification documents, Work Packages and Quality Control Development
- ▶ Outage Schedule critical path development, Outage Communication Plan Development including single point of contact or "SPOCC" program
- ▶ Project Management and Technical Direction services
- ▶ Craft Supervision, Execution, and Craft Augmentation services
- ▶ Balance of Plant Work
- ▶ Full Service Shop and Field Services including the full line of Steam Path Repair Services
- ▶ Generator Testing, Maintenance, and Repair
- ▶ Low Speed Balancing, Blast Cleaning, NDE Services,
- ▶ Steam Path Alignment Services
- ▶ An extensive list of Turbine Component Parts including Rotating and Stationary Blades

Manufacturing

RTS provides manufacturing of all types of turbine components in our ISO Certified Facility:

- ▶ Airfoils/blades/buckets
- ▶ Seals
- ▶ Bolting
- ▶ Many Types of shafts
- ▶ Threaded Inserts
- ▶ A large selection of Valve Parts

We offer CMM, CNC, multi-axis milling, turning and grinding processes along with CNC EDM capability. We have the ability to reverse engineer and replicate virtually any type of worn turbine component imaginable.

Quality Assurance

Our combined years of service in the airfoil manufacturing industry give us the insight to understand the importance of timely delivery without substituting quality.

Our dedication to quality is incorporated into every phase of the manufacturing process from engineering to packaging.

Sullivan Facility

Reliable Turbine Services LLC has a 22,000 sq. ft. High Rotor Bay and machining facility located in Sullivan, MO, just 1 hour southwest of St. Louis, in the heart of the U.S.. Our shop is fully equipped to handle large steam turbine rotors, shells, casings and all related component repairs. With a complete large capacity machine and welding shop, we provide our customers a full service repair solution from incoming inspections to executing extensive repairs.

Our complete facility, along with quality and safety programs in place, provide our customers the security of knowing their components are in competent hands.

Our Capabilities Include:

- ▶ 100,000 lb. crane capacity
- ▶ 14' x 14' x 26' deep sandblast booth
- ▶ Digitally controlled 60" x 60" x 80" electric stress relieve furnace
- ▶ Large 84" x 48" HBM capability
- ▶ Large VBMs to 108" diameter
- ▶ Full service Machine Shop
- ▶ In-house NDT capabilities
- ▶ Rotor Turning Devices up to 100 tons
- ▶ Slow speed balancing from 5,000 lbs. to 100 tons
- ▶ Full service welding facility complete with Automated TIG, MIG, and SubArc capability

Our shop and field capabilities are supported with high quality and timely turbine component part manufacturing by our Houston Facility

Houston Facility

Located just south of Bush Intercontinental Airport, our installation is a fully equipped 35,000 sq. ft. manufacturing facility that produces a wide range of precision components to the Power and Petro-Chemical Industries.

RTS offers a wide variety of custom machining processes. Our CNC manufacturing, rotor and component repair capabilities include advanced CMM, CNC milling stations, CNC lathe and grinding processes up to 8 axis, along with CNC EDM capabilities. We also boast extensive in-house manual and automated welding capabilities.

Reliable Turbine Services' core outage execution values of **Safety, Quality, Schedule, and Value** provide you with the "peace of mind" that your individual needs are always a **top priority** from **start to finish** of the project.

LatAm Facility

The RTS facility is ideally situated for easy import/export access, allowing us to ship our tools wherever needed. Our staff is well qualified to handle large gas and steam turbine turn-key projects.

Our LatAm Facility has the tooling for open/ close and repair-

- ▶ 50 Ton Portable Rotor Turning Devices
- ▶ An array of other portable equipment including Boring Bars, Versa Mills and Stud drilling machines, Open/Close tool kits, etc.



All of our locations throughout the Western Hemisphere allow RTS to be truly **GLOBAL** in our service reach.



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