

Mechanical Services



SWTS is an independent technical service provider, offering multi-discipline engineering and industrial products and services. SWTS has established an accredited and long-standing reputation as a preferred specialist contractor supporting major OEMs in the maintenance and servicing of rotating equipment for both critical and auxiliary applications.

Knowledge and Service Capabilities



Dry Ice Blasting/
UHP Jetting



HVOP/ Metal Spray
Build-up Process



Dynamic Balancing



Machining

Pumps and General Rotating Equipment



Rebabbitting



Precision Parts
Fabrication



Protective Coating



Casting of Various
Components

Site Work & Field Services



Seal and Bearing
Replacement



Onsite Machining



Laser Alignment



Vibration Monitoring
and Field Balancing

SWTS: Mechanical Services

Equipment Maintenance Service

API Pump Services



Sump Pump (Vertical)



API 610 BB3
(Multistage Horizontal)

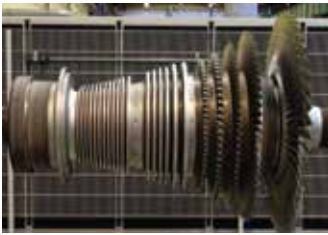


API 610 OH1
(Overhung)



API 610 BB1

Turbo-Machinery (Compressor & Turbine)



Turbine Rotor
Balancing



Compressor Bundle
Overhaul



General Purpose
Steam Turbine



Steam Turbine Overhaul

Gearbox (Bevel/ Parallel/ Planetary)



Helical Gearbox



Bevel Gearbox



Variable Speed
Gearbox



Cooling Tower
Gearbox

Blower & Screw Compressor



3-Lobe Blower



Semi-Hermetic Compact
Screw Compressor



Dismantling in
Progress



Timing Gear
Backlash Setting

Multi-stage Reciprocating Compressor



Piston Rod Run-out Check



Crankshaft Web Deflection Kit

Decanter Screw Centrifuge



Balancing of Scroll Rotor



Refilling Scroll Flight

Polymer Extrusion Machine (Mixer Screw/ Melt Pump / Pelletiser)



Extruder Rotor



Screw Rotor Element

Fan Blower (IDF/ FDF) & Damper (Louver/ IGV)



Dynamic Balancing after Fabricate New Shaft

Tank Mixer & Agitator

Elmagco Eddy Current Brake (Offshore)

And More

SWTS At Work



SWTS: Mechanical Services

Our Service Promise



- Shutdown Maintenance for Critical Equipment
- Project Management and Quick Turnaround
- Round the Clock Service
- OEM Collaboration
- Onsite and Workshop Support

Annual Track Record Maintenance, Repair and Overhaul of:

- More than 300 Pumps
- More than 200 Fans, Gearboxes and Blowers
- More than 100 Shafts and Centrifuges
- More than 5 Turnarounds and Shutdown Maintenances

Machining Facilities

- Horizontal Lathe: <8 ton, DIA1600mm swing x 6000mm (L)
- Boring: <20 ton, 2000mm (H) x 4000mm (W)
- Vertical Lathe: <8 ton, DIA3000mm x 2200mm (H)
- Pillar Drilling Machine: <10 ton, 1200mm x 1200mm
- Milling Machine: >1.5 ton, <1500mm (L) x 500mm (W)

Balancing Machine

- Schenck - 30 ton, 2800mm x 7000mm Length
- Schenck - 10 ton, 1800mm x 3000mm Length

Embedded Floor Plate

- 3000 x 4000 (Grounded)

Blasting Chamber/ Portable Blasting/ Oven

Crane

- More than 20 units of Overhead Crane: <100 ton, 2 x 50 ton

Press

- Vertical Press: >50 ton
- Horizontal Press: >300 ton

Torque Wrench

- Up to 1500Nm
- Hydraulic Torqueing Machine, Variable Torque Valve/ Socket Sizes



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Have any questions? We'd love to hear from you.



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