



INDUSTRIAL EQUIPMENT SERVICES

▶ Pumps

Restoration & Overhaul

Pump maintenance is critical for facilities in production. Periodic maintenance adds years to service life, reduces cost of repairs and minimize the need for replacement. It also ensures that your equipment operates properly, preventing loss of efficiency and avoid breakdowns.



**TOTAL INTEGRATED
ENGINEERING SOLUTIONS**

FROM THE LEADER IN SURFACE METAMORPHOSIS TECHNOLOGY

Single/Multi-Stage Pumps Vacuum Pumps Submersible Pumps Blowers Pumps And More

Some common symptoms of impending pumps failure include vibrations, loss in efficiency and seizure. These indications if unattended can lead to performance loss and operational breakdown.

Internal corrosion/erosion, build-up of deposits, wear on shafts, journals, impeller wear rings as well as failure of components such as bearings and mechanical seals are just some of the factors that can lead to impairment of your flow control system.

With Frontken's proven expertise in servicing large critical equipments via comprehensive processes and machinery capabilities, you can count on us for regular servicing and emergency overhaul or repair of your pumps.



General Scope-of-work

- ▶ Assembly & disassembly
- ▶ Degreasing & pre-Inspection
- ▶ Thermal spray coating
- ▶ PTA welding
- ▶ Electro-less nickel plating
- ▶ CNC machining & turning
- ▶ Crack repair via metal stitching
- ▶ Manufacturing of spare-parts
- ▶ Cold build-up & painting
- ▶ Grit blasting
- ▶ Rotor dynamic balancing
- ▶ Mechanical seal leak test
- ▶ Consumables replacement
- ▶ Non-destructive tests for coatings thickness, material integrity, dimensions & etc.
- ▶ Assembly leak tests