

# PUMPSEAL<sup>®</sup> ENGINEER



**CLINICAL SOLUTIONS FOR  
ROTATING EQUIPMENT AND SEAL**



## PUMP SEAL ENGINEER

We are your trusted caring partner for comprehensive servicing of pumps, seals, and other rotating equipment. With our expertise, dedication to excellence, and a commitment to your satisfaction, we ensure the optimal performance and longevity of your equipment.

### REPAIR AND MAINTENANCE

At some point during their lifespan, all rotating equipment requires maintenance or repair. At Pump Seal Engineer, we operate service centers equipped with an extensive array of engineering equipment, staffed by factory-trained service engineers, and complemented by various testing capabilities.



#### Dynamic Balancing

Vibration caused by wear of impellers can be a significant factor in early pump failures. Pump Seal Engineer can balance rotating assemblies up to three tons as per standard.



#### Laser Alignment

Using the latest laser alignment instrument and software, we can align your pump and motor with greater accuracy to ensure the correct alignment, maximizing the lifespan of bearings and mechanical seals.



#### Mechanical Seal Overhaul

We are specialized in the refurbishment of mechanical seals. We can handle sizes from 25mm to 125 mm shaft size.



#### Protective Coating

We offer solutions to a wide range of issues, from repairing badly worn components to preventing erosion and corrosion in new parts. Different types of coatings are applied based on specific applications.



#### In-House Machining

Our service centers are equipped with a diverse range of engineering equipment, enabling us to respond swiftly and maintain the quality of our work.



#### In-House Paint Booth

Our service center is equipped with a paint booth and measuring instruments, enabling us to ensure the quality of our finished paint and offer a range of specialized finishes for various applications and site conditions.



## REPAIR AND MAINTENANCE



## TESTING



## COMMISSIONING SUPPORT

### AFTER EVERY SERVICE WE OFFER

- ✓ Detailed Pre-Delivery Inspection
- ✓ Pre-Delivery Performance and Run Tests
- ✓ On-Site Delivery
- ✓ Comprehensive Reporting
- ✓ On-Site Training for Operators
- ✓ Pump Setup Optimization
- ✓ On-Site Laser Alignment Check
- ✓ Proper Pump Start-Up Procedure
- ✓ On-Site Pump Performance Verification
- ✓ Initial Recording of Pump Characteristics, including noise, power consumption, and vibration
- ✓ Maintaining Proper Historical Records of Maintenance

### TESTING

- ✓ Hydrostatic Pressure Testing
- ✓ Performance/NPSH Testing
- ✓ Vibration/Temperature Monitoring
- ✓ On-Site Training for Maintenance Operatives
- ✓ Expertise in Re-engineering Various Pump Components
- ✓ Motor Rewinding
- ✓ Repairs of Drives and Gearboxes
- ✓ On-Site Commissioning Support

**24x7  
SERVICE**

**REDUCE  
MAINTENANCE**

**REDUCE  
DISRUPTION**

**REDUCE  
COST**

**REDUCE  
STRESS**

**IMPROVE  
LIFE**

### Commissioning Support

Our well-trained team of engineers provides on-site recommissioning and commissioning support to ensure your equipment functions optimally.

### Trainings

Our factory-trained engineers, equipped with years of pump knowledge, deliver high-quality training for your operatives.

### Stock

We maintain a stock of original manufacturer spare parts in order to minimize maintenance downtime.

## **PUMP SEAL ENGINEER**

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