

# **INDUSTRIAL MECHANICAL SERVICES**



- Installations
- Service Contracts
- Maintenance & Repairs
- Machine Shop Services
- Mechanical Integrity Management

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Scan the QR Code and visit our website.

## **Industrial Mechanical Services**

At Precise Machine Technologies Ltd. our Millwrights and Technicians are dedicated to providing you high quality service with rapid turnarounds. Owners and operators of rotating machinery require equipment to be repaired quickly and to a high standard. We are here to provide you the ongoing support that your facility, operation and equipment may require.

Our aim is to give you the maximum value from the repair process, providing you with measurable improvements in your equipment's performance and efficiency when we return it to service.

## **INDUSTRIAL MECHANICAL SERVICES**

### **Advanced Repair Services**

We know our customers require reduced failure rates and increased MTBR (meantime between repairs), we not only repair the machine, but also establish the cause of failure and suggest corrective actions. Sometimes even the best repair doesn't solve a recurring problem. This is usually because of a combination of design, operation and system factors; left unaddressed these poor performance risks become the norm with obvious implications for efficiency and productivity.

Where we find a repair is due to more than expected wear and tear, we also include the following:

- > Description of the background reasons for failure or loss of performance
- > Proposals for materials or design upgrades
- > Recommendations for process or operational changes if applicable
- > Recommendations for changes in operation and maintenance procedures
- > Jointly discuss with you the best measures to take to avoid premature need for repair in future

#### **Project Management**

Our Project Management team along with the on-site Technical Advisors and Technicians will insure your equipment and project is being managed in the most professional and efficient manner possible. Whether it is a new installation, Service, or a full overhaul our team will manage the Project based on the best practices in the industry for Project Management and Technical Benchmarks. This will help insure accurate, accountable, measured results that our clients are looking for.

Because we specialize in rotating equipment and condition monitoring we are able to anticipate and capture potential risks that may hamper schedule. Our ability to identify these risks and provide itigating solutions has enabled us, and the Client, to adapt to the situation without adversely affecting the schedule.





"... providing Reliability and Solutions in the field ... "



## **INDUSTRIAL MECHANICAL SERVICES**

### **Maintenance & Installations**

Specialized in Service and Overhauls, of:

- > Rotating and Reciprocating Equipment
- > Turbomachinery (Steam, Gas, & Hydro)
- > Pump and Compression Systems
- > Air Compressors & Blowers
- > Air drying, Filtration, and Auxiliaries
- > Condition Monitoring

#### Field Specialty Services:

- > Field Machining (Turning, Milling, drilling, etc...)
- > Bolt/Stud Hydraulic Tensioning and torqueing
- > Pipe cutting and Welding preparation
- > Laser Alignments
- Surface Profiling and Precision Levelling

Shop Services:

- > Production Machining (CNC) and component design
- > Machining (turning, milling, drilling, broaching, threading, cutting, grinding)
- ➤ Honing
- > Welding & Fabrication
- Surface Preparation
- > Painting

#### Service Contracts:

- > OEM Recommended Mechanical Services
- > Preventative Maintenance
- Predictive Maintenance & Condition Monitoring
  - Laser Alignments
  - Vibration Monitoring
  - Surface Profiling and Precision Leveling
  - Oil Analysis
  - Thermography Imaging
  - Bore Scoping



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