EXPERTISE

For over 150 years, our engineers have worked closely with industry leaders worldwide to develop innovative products and technologies that optimize the life cycle, reliability, and performance of equipment. ITT Goulds is recognized as the premier supplier of pumps, controls and monitoring, and services to the global market place.

RELIABILITY

State-of-the-art testing facilities, strategically positioned around the world, provide you with the confidence that our equipment will meet or exceed customer expectations. Verification of both hydraulic and mechanical performance ensures optimal and reliable operation.

Full train testing capabilities assure the mechanical integrity of the full pumping train, providing confidence that the equipment will function properly in the field. Full train tests typically include a full mechanical run simulating field conditions such as start up, variable speed operation, shut down, etc.

CUSTOMER FOCUS

Through continuous research and development activities and new product innovation, ITT Goulds Pumps strives to meet new, demanding challenges customers face in today’s world.

ITT Goulds market, product, and service teams create and implement technical and commercial solutions meeting our customers’ demanding performance needs.

TESTING TO INDUSTRY STANDARDS

Testing is conducted in accordance with Hydraulic Institute (HI) Standards, API-610 Standards, ISO 13709, ITT Goulds internal test procedures and specific customer requests.

Every test is documented with a test report that includes a performance curve indicating flow and head with optional NPSHR, noise, temperature, and vibration data. All calibration records for equipment used in testing are available for inspection upon request.

Data Acquisition Equipment:
Flow Measurement
  • Rosemount Magnetic Flow Meter
  • Venturi Tubes
Pressure Measurement
  • Pressure Transducers and Gauges
Power Measurement
  • Torque Meters
  • Calibrated Lab Motors
  • Efficiency Tested Job Motors
Vibration Analysis
  • SKF Micro log
  • Full Spectrum Vibration Analysis is available
Noise/Sound Analysis
  • Bruel & Kjaer Sound Calibrator and Meter

COMMITMENT TO SAFETY AND ENVIRONMENT

As an industry leader, we strive to live our values and beliefs in safety and environment stewardship. By improving energy efficiency, performance, and equipment life cycle, we ensure a minimal impact on the environment and maximum effect on your profitability.

INDUSTRY COMMITMENT

ITT Goulds is proud to offer the broadest selection of pumps in the industry. We configure your pumps to meet industry standards and ensure your most demanding requirements efficiently and cost effectively. Reliability and safety are two guiding principles at ITT Goulds. Our research engineers and test facilities are here to support you.

ITT has state-of-the-art pump testing facilities that enable us to test the full range of pump types and sizes we manufacture. Strict adherence to industry standards (API 610, ISO 13709, and Hydraulic Institute [HI]) ensure accurate and consistent test results.
## Test Facility Capabilities

<table>
<thead>
<tr>
<th>TEST FACILITY</th>
<th>Max Flow</th>
<th>Max Horsepower</th>
<th>Max Voltage</th>
<th>Max Pressure</th>
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<td>m 3/Hr</td>
<td>HP</td>
<td>KW</td>
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PRO Services® Extending Equipment Life...

3 Product Repair (all types and brands of rotating equipment)
- Service Center Repair
- Turnkey Repair / Installation
- Field Service
- Emergency Service

5 Reliability Improvement
- Predictive Condition Monitoring
- Root Cause Failure Analysis
- Machine & System Assessment
- Engineered Upgrades
- Training

2 Optimization of Assets
- Inventory Management
- Replacement / Exchange
- Maintenance Management
- Contract Maintenance

PROSMART

ProSmart® provides continuous machinery monitoring to identify little problems before they become big problems...like downtime.
Using wireless technology, advanced signal processing capabilities, and easy-to-deploy sensors, ProSmart offers an affordable means to monitor all of your rotating equipment anywhere in the world. By identifying and alerting you to changes in operating conditions, ProSmart increases your time to respond to either correcting the upset condition or properly plan its repair.

Key Features include:
- Continuous data acquisition and analysis – ProSmart collects vibration, temperature, and available process conditions every five seconds; saving you time from routine data collection.
- Automatic notification and accessibility – By alerting when a machine goes into distress, your able to focus your resources on recovery activities. The ProNet web-hosted solution allows access to information anywhere in the world through a standard internet browser connection.
- Advanced diagnostic tools – More than simple overall data, ProSmart provides advanced analysis capabilities such as time-waveform, spectral, and spectral windowing.
- Easy to deploy – Using plug and play sensors, wireless connectivity, and an industrially hardened enclosure, ProSmart can be easily deployed throughout your plant, including hazardous areas.

Visit our Web site at www.gouldspumps.com

ITT

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