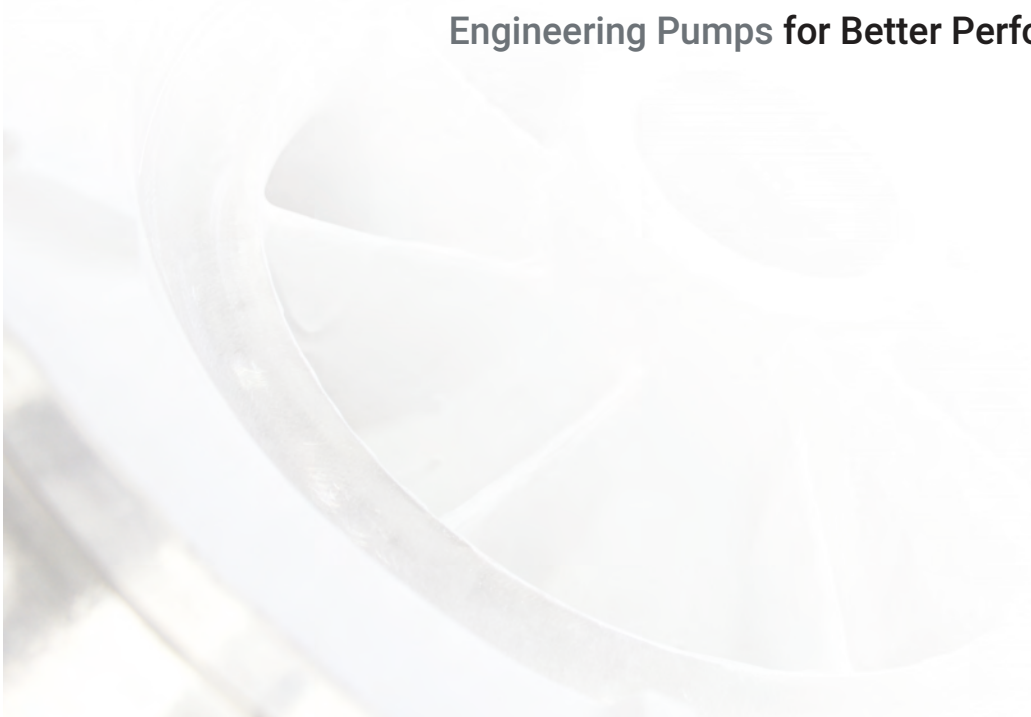


HYDRO SCOTFORD



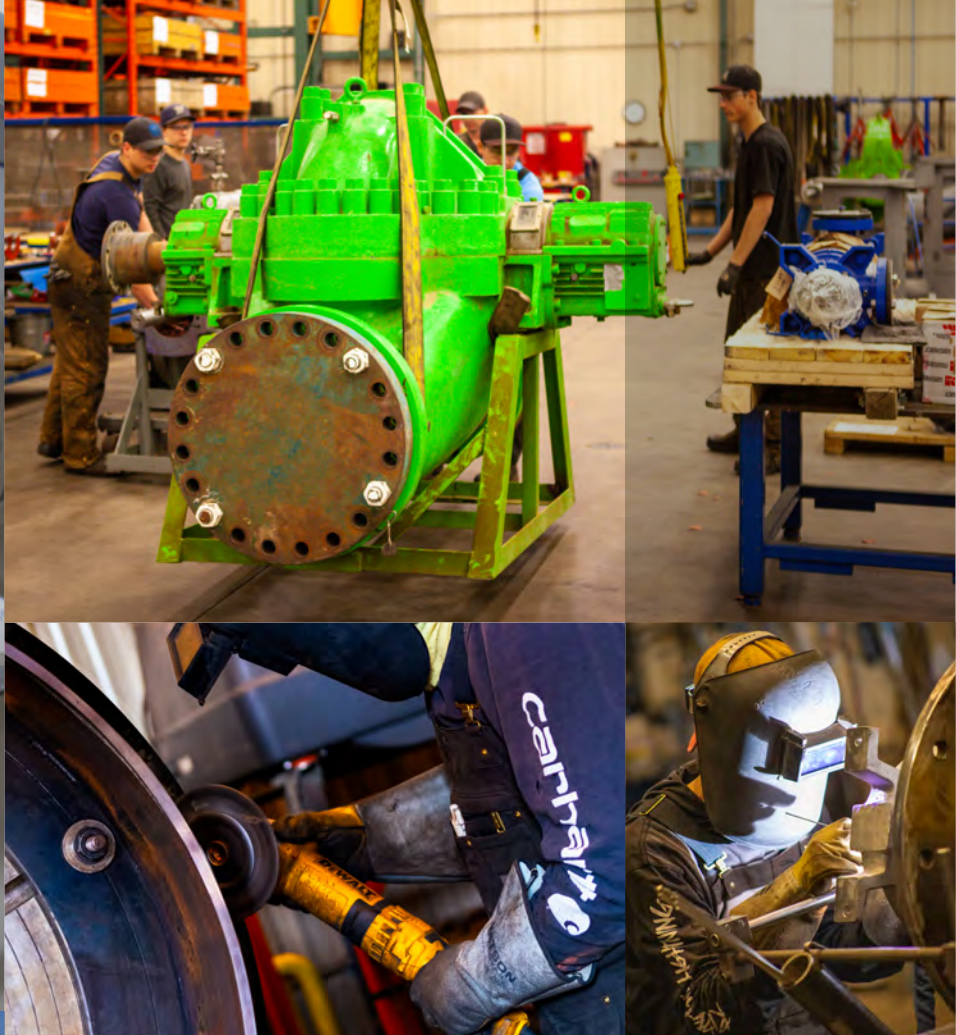
Engineering Pumps for Better Performance and Longer Life





We are pump experts.

At Hydro, the pursuit of excellence isn't just a goal – it's the heart of our business. We harness innovation and experience to deliver pumps that are safer, more reliable, and more efficient.



For over half a century, we've set the industry standard for quality and customer service in remanufactured equipment. Today, Hydro delivers engineered solutions that maximize equipment life and performance.

Our comprehensive services are backed by proven expertise and designed to support you in every aspect of pump ownership – with a focus on minimizing your total life cycle costs.

Hydro Scotford – Powerful Capabilities

Hydro Scotford, located in Ft. Saskatchewan, Alberta, is a 40,000 sq. ft. repair facility dedicated to serving pump users across Canada. With extensive resources, capabilities, and experience, we offer totally integrated services for all your critical pumps.

Hydro Scotford's building design, crane capacity, and machining capabilities make it ideally suited for large pumps and rotating equipment. Our ability to handle the majority of repair processes in-house, results in greater efficiency, increased quality control, and faster turnaround for your project.

Hydro uses the latest technology to ensure high-quality repair solutions with quick turnaround and competitive pricing, and continuously researches new and innovative ways to repair, manufacture and service rotating equipment. Hydro Scotford combines coordinate measuring machines (CMM), computer aided design and manufacturing (CAD/CAM), and CNC machining centers for high-speed and high-accuracy manufacturing. This technology ensures repeatability of multiple parts to the same engineering and quality control standards, enabling us to provide rapid response in critical situations.

Hydro Scotford holds the following certifications:

- ISO 9001:2015 for pump repair/remanufacturing combined with general machining, millwright, and fabrication activities
- ASME Certification of Authorization Permit Construct, Repair or Alter ASME Sections VIII Div.1, B31.1, B31.3, and Category A, B, C, E, H Fittings in accordance with CSA B51
- CWB Certified to CSA Standard W47.1 Division II

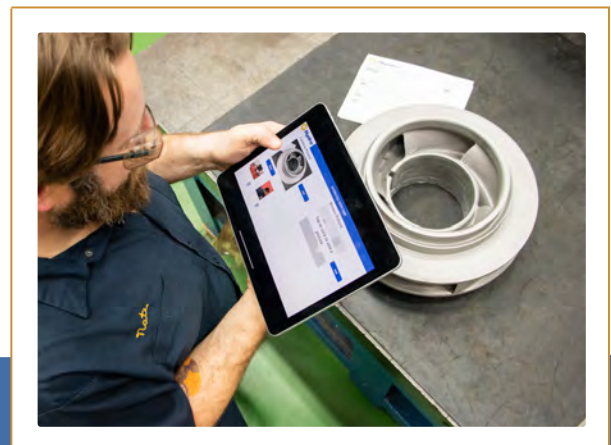


Building Blocks of a Quality Repair

Improving performance and extending life isn't always about making big changes to design and operation. Small improvements can result in measurable benefits. Hydro earned its reputation for quality by paying attention to the details and exceeding industry standards for rotating equipment repair.

At the root of a quality job is a quality process. Our total support framework is built on decades of accumulated expertise and commitment to a rigorously developed and carefully implemented Enterprise Resource Planning (ERP) System.

Hydro's ERP System was specifically configured for the pump aftermarket and provides an integrated view of core business processes. Shared databases allow us to communicate vital engineering data across our entire service center network and generate consistent, uniform parts lists for every pump that comes into one of our shops.



Our proven approach combines a thorough inspection with rigorous quality standards.
Each repair includes:



- Comprehensive documentation during disassembly and inspection that captures critical measurements and identifies potential reliability issues



- Engineering analysis that applies new technology and makes recommendations for performance improvements



- Strict process controls and documentation to ensure consistent, high-quality results and enhance accountability



- Stringent acceptance criteria for critical tolerances to minimize wear and maintain design clearances



- Quality verification at every step to minimize rework and maintain on-time delivery



- As-built documentation to highlight all aspects of the service provided and ensure transparency to the end user

The Result:

Optimized performance, extended service life, and reduced costs

Vertical Pump Repair & Upgrades

With years of extensive pump experience across multiple OEMs, Hydro Scotford is able to meet the most complex of pump operation challenges and improve performance and reliability.

Building a better pump is even more essential in vertical applications where many components are stacked and marginal tolerances can lead to big problems. Hydro Scotford requires best-in-class tolerances and fit-ups to minimize misalignment and ensure centerline compatibility of the rotor to the stator.

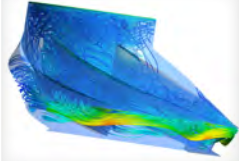


One Source. Total Support.



Quality Pump Repair

Comprehensive Inspection | Stringent Tolerances | Design Improvements



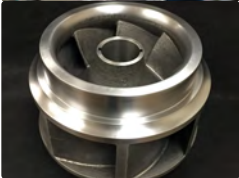
Engineering Services

Root Cause Evaluation & Analysis | Engineered Upgrades & Rerates Performance Optimization



Reverse Engineering

Advanced Laser Scanning | Hydraulic Performance Verification
Field Data Capture | 3-D modeling



Critical Parts Solutions

Expedited Cast & Machined Parts | Inventory Optimization | Deviation Analysis



System Reliability Services

Advanced Troubleshooting & Vibration Analysis | On-Site Performance Testing
System Optimization | Health & Energy Audits



Field & Emergency Services

Technical Field Supervision | Turnkey Solutions | Field Machining



Certified Performance Testing

Hydraulic Institute Certified | Responsive Lead Times | Custom Test Configurations



Condition Monitoring

Wireless Solutions | Remote Real-time Alerts | Dedicated M&D Center
Subject Matter Expert Insights | Analysis, Diagnostics, & Solution Development



Custom Pump Design & Manufacturing

Drop-In Replacement | Optimized Hydraulics | Obsolescence Solutions
Hydraulic, Mechanical, & Metallurgical Optimization



Education & Training

Skill Development by Industry Experts | Classroom, Hands-on & Online
Interactive Maintenance Procedures for Electronic Learning (IMPEL®) | Corporate Partnerships



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