



# Nisku service centre

## **NISKU CENTRE OF EXCELLENCE (COE) FOR PROCESS EQUIPMENT AND PUMP REPAIRS**

At Wajax, we are driven by pioneering ideas. Keeping our customers' objectives at the forefront, we take a collaborative approach to understand your issues and provide value added solutions.

Our high-quality products, unmatched service standards and innovative problem-solving techniques are backed by a talented team of over 1000 skilled technicians and engineers who serve 100 branches across Canada.



**WITH OUR FORWARD-THINKING APPROACH, WAJAX IS UNIQUELY POSITIONED TO FULLY SUPPORT YOUR BUSINESS NEEDS.**

Our Nisku location specializes in process equipment repairs including root cause failure analysis, testing and start up, in addition to world class component repair, engineering and field service solutions.

# Service centre overview

The power of our diversified resources enables us to significantly extend the lifetime of your assets.

Our approach of addressing core issues, employing engineered solutions and serving your custom needs is made possible through world class processes at our centres of excellence. Additionally, our field service offerings ensure 24/7 onsite support for breakdowns, troubleshooting and emergencies.

- Process equipment repairs (pumps, valves, etc)
- Design and fabrication of hydraulic power units and cylinders
- Gearbox and pulley service & repair
- Machinery inspections
- Large rebuilds and specialized machining
- Heavy machinery reconditioning
- Root cause and failure analysis
- Condition monitoring and much more



## Field service and engineering capabilities

- Millwrighting including repairs, installation and commissioning
- Onsite hose manufacturing and installation
- Project management
- Detailed design engineering analysis, calculations, reporting and drafting for multiple disciplines; mechanical, process, structural, electrical
- Hydraulic and pneumatic system designs; Specializations include filtration, fluid transfer, lubrication, cooling, custom manifolds, piping
- Turn-key solutions for custom electrical controllers, programming and CANbus systems

# Service centre capabilities

Floor Area

**19,000 ft<sup>2</sup>**

Hydraulic Test Bench

**450 HP**

Max Lifting Capacity

**10 Tons**

## GENERAL FEATURES

- 8 Service and 7 Engineering employees
- 19,000 ft<sup>2</sup> service Area
- 4 large 50-foot bays with exhaust extraction
- General fabrication capabilities for custom tanks, process pump skids, sea-can and hydraulic power units
- Custom hydraulic manifolds, using ductile iron 5000PSI and aluminum 3000PSI
- Manual machine shop with milling capacity of 36"x16"x16"
- Lathe capacity of 19" swing x 72" length
- 1200 series bearing heater with min. bore diameter of 95 mm and OD of 1500mm; Parts of up to 1200 kg
- 150 ton press

## PROCESS & HYDRAULIC FEATURES

- Factory trained technicians for Hägglunds Rexroth, Hawe, Sun Hydraulics, Permco, Rotojet, ZF Gearboxes, Festo Pneumatics, Quincy screw air compressors
- Hydraulic cylinder repair, service and design
- 450HP hydraulic test bench with Webtec digital measurement
- 100HP process pump test bench
- Husco Valves test bench – only bench in Canada capable to fully function test
- 15" power lapping machine
- Fluid transfer capability including hydraulic hose making, pipe threading and seamless HP tubing
- Repair, overhaul and turn-key pump packages

**AUTHORIZED MULTILINE DEALER  
FOR OVER 3000 BRANDS:**



**PLEASE CONTACT YOUR NISKU BRANCH FOR MORE INFORMATION  
780 955 2155      1403, 5<sup>TH</sup> STREET, NISKU, AB T9E 8C7**



**Across Industries.  
Across Canada.**

#### **ADVANTAGES OF CHOOSING WAJAX AS YOUR PARTNER**

##### **INCLUDE:**

- Coast to coast presence facilitating access to capability and manpower resources
- Cohesive support structure regardless of service or product
- Factory trained and certified technicians
- Premium parts from our vendors
- Extended life and warranty on engineered repairs
- Quick turnaround for repairs
- Engineered packages and turn-key solutions
- A partnership-based approach with transparent transactions
- Customized solutions to reduce total cost of ownership
- Customized maintenance programs
- Component exchange programs
- Detailed analysis reports of equipment service jobs - from equipment analysis/inspection, to disassembly, to root cause analysis, and final set up



Since 1858, Wajax has been serving major Canadian industries as one of the nation's leading providers of heavy equipment, power systems, and industrial products and services.

With our dedicated team, national network, diverse market expertise, broad range of products and services and world-class vendor partners – Wajax has you covered from coast-to-coast.