



Hyflodraulic Limited
Motion Control Specialists

48 Clyde Ave, Donovan's Industrial Park
Mount Pearl, NL A1N 4S1

Phone: (709) 364-5566

Fax: (709) 364-8215

Hyflodraulic Limited Company Profile

Service Provider to the Offshore Oil & Gas/Marine/Mobile/Industrial/Forestry & Wind/Water Turbine Industries Since 1983



Since 2001 we have supplied DRESSER-RAND with Hydraulic, Pneumatic and Mechanical sales and service on various oil and gas projects. In 2004 we signed a Memorandum of Understanding to provide technical sales and service support for all projects in Atlantic Canada.

In 2004 we signed a Memorandum of Understanding with SBM / Frames Energy Systems B.V. to provide all Hydraulic and Mechanical service for the Turret, Swivel Manifolds, Seal Pressurization System and Riser Jack Control Systems for Husky Energy's FPSO Sea Rose.

We are specialists in Hydraulic, Pneumatic and Mechanical services to the offshore oil and gas, marine, mobile, industrial, forestry and wind/water turbine industry sectors throughout Eastern Canada.

In December 2006 we signed a Memorandum of Understanding with Oilfield Audit Services Inc. to provide Rig Inspections for Atlantic Canada.



Hyflodraulic Limited
Motion Control Specialists

48 Clyde Ave, Donovan's Industrial Park
Mount Pearl, NL A1N 4S1

Phone: (709) 364-5566

Fax: (709) 364-8215

In October 2008 we were awarded the Hydraulic Maintenance Services Contract for Husky Energy's Sea Rose FPSO for the life of field.

Design / Consulting and Project Services

Fluid Power and Motion Control Systems Design and Consulting Service to the Oil & Gas, Marine, Pulp & Paper, Forestry, Wind/Water Power, Construction, Mining and Heavy Industry.

- ✚ Hydraulic / Pneumatic / Mechanical and Automation Control Systems.
- ✚ Prototype Systems Design and Consulting.
- ✚ Turn Key Project Management.
- ✚ Systems Integration and Modernization.
- ✚ Technical Documentation and Work Packs.
- ✚ Hydro-Testing and Re-Certification to DNV, Lloyds, API, CSA, and ASME Standards.
- ✚ High Velocity Oil & Chemical Flushing, Pickling and Passivation Services.
- ✚ Pipe Work Installation & Pre-Commissioning.
- ✚ Systems Design and Drafting Service utilizing AutoCad and Solid Works.
- ✚ Distribution of Project Specific Fluid Power and Motion Control Products.
- ✚ Manufacture and Installation of Customer Specific Equipment and Systems.
- ✚ RAPID-TORC Torquing/Tensioning & Induction Bolt Heating.
- ✚ PUSNES & Phoenix Beattie Offshore Loading Systems Maintenance

Key Contacts:

Ron Brown ~ Technical Projects Manager, rbrown@hyflodraulic.ca

Calvin Dwyer ~ General Manager, cdwyer@hyflodraulic.ca

Charles Hull ~ Sales Manager, chull@hyflodraulic.ca

Bob Brown ~ Marketing & Business Development Manager, rjbrown@hyflodraulic.ca



Hyflodraulic Limited
Motion Control Specialists

48 Clyde Ave, Donovan's Industrial Park
Mount Pearl, NL A1N 4S1

Phone: (709) 364-5566

Fax: (709) 364-8215

Facility

- 8,000 square foot state of the art facility located in Donovan's Industrial Park in Mount Pearl, NL
- Paved fenced in lay-down area of 15,000 sq ft.
- 6000 square foot Maintenance Shop
- 500 square foot stockroom
- 1500 square foot office area and boardroom

Facility



Office Area



Board Room



Maintenance Shop





Hyflodraulic Limited
Motion Control Specialists

48 Clyde Ave, Donovan's Industrial Park
Mount Pearl, NL A1N 4S1

Phone: (709) 364-5566

Fax: (709) 364-8215

Equipment Overview

Machining Area

Lathe



Honer



Milling



Welding Area

- SMAW Shield metal arc welding
- Mig Welder



Accumulator Re-certification Area which includes

- Chart Recorder
- 20,000 PSI Hydrostatic Test Unit (Maxpro)
- 30,000 PSI Nitrogen Booster (Maxpro)
- Camera and Monitor





Hyflodraulic Limited
Motion Control Specialists

48 Clyde Ave, Donovan's Industrial Park
Mount Pearl, NL A1N 4S1

Phone: (709) 364-5566

Fax: (709) 364-8215

Other Equipment

- 2" Diaphragm Pump (2)
- Pall Patch Kit
- Hydraulic Tube/Pipe Bender
- And the Below

6 Ton Overhead Crane



Flushing Unit



Enerpac 50 Ton Press



160 HP Diesel Flushing Unit



20 HP Electric Flushing Rig



Electro Hydraulic Diagnostic Kit



Chart Recorders (3)



0-6000/10000 PSI Dual HTU



Digital Oil Analyzer (2)





Hyflodraulic Limited
Motion Control Specialists

48 Clyde Ave, Donovan's Industrial Park
Mount Pearl, NL A1N 4S1

Phone: (709) 364-5566

Fax: (709) 364-8215

Trained Personnel

- General Manager - Business Owner, over 35 years of Fluid Power and Mechanical experience, Factory trained Hydraulic certifications, Journeymen Heavy Equipment Mechanic.
- Technical / Projects Manager - Over 23 years of engineering design and consulting, certification include Journeymen Millwright, Mechanical Engineer, BST, H2S, WHMIS, and HUEBA.
- Sales Manager - Over 40 years in sales, certification include Certified Fluid Power Mobile Hydraulic Mechanic.
- Marketing & Business Development Manager- Over 30 years in management, marketing and public relations.
- Quality/Safety Coordinator - Oversees ISO 9001:2008 Quality System and Safety Program, certifications include Industrial Engineering Technologist, certified internal quality auditor, certified WHSCC OH & S Representative.
- Service Coordinator - Provides coordination between shop personnel and managers as well as assisting Technical Manager. Certifications include Industrial Engineering Technologist, WHSCC OH&S Representative, WHMIS, St. John Ambulance Standard First Aid.
- 5 Certified Technicians - Certifications include: Certified Fluid Power Mobile Hydraulic Mechanic, Millwright or Millwright apprentice, Instrumentation Tech, Journeymen Machinist, BST, H2S, WHMIS, HUEBA, etc.

Affiliations:



Frames Energy Systems B.V.

- ~Subsea Control Systems
- ~Wellhead Safety Systems
- ~Actuators & Controls
- ~Liquid / Gas Treatment Packages
- ~Chemical Injection Packages
- ~Technologies For the Upstream Oil & Gas Industries



Hyflodraulic Limited
Motion Control Specialists

48 Clyde Ave, Donovan's Industrial Park
Mount Pearl, NL A1N 4S1

Phone: (709) 364-5566

Fax: (709) 364-8215



Production and distribution of filters for hydraulic and lubricating fluids.

- ~Filter Technology
- ~Fluid Management
- ~Electronics
- ~System Technology
- ~Contamination Monitoring
- ~Software Solutions
- ~Process Technology



Accumulators: *Bladder, Diaphragm, Piston, Nitrogen Bottles, Pulsation Dampeners, Accessories, Service and Repair Parts, Re-Certification.*



~Solutions in Hydraulic Torquing, Hydraulic Tensioning and Induction Bolt Heating

~Proven, dependant technical support provider



Hyflodraulic Limited
Motion Control Specialists

48 Clyde Ave, Donovan's Industrial Park
Mount Pearl, NL A1N 4S1

Phone: (709) 364-5566

Fax: (709) 364-8215



Safety Tools were developed in close cooperation with Statoil in Norway over 10 years ago. They have been rigidly tested in the harshest environments and proven safe and effective. Our tools are regularly used in the Northsea and now around the world. We offer the only certified Ex Grinding & Cutting Tools of their kind - for use in ATEX zones 1 & 2. When you use Safety Tools equipment there is no need for Hot Work Permits. This saves time and money - all while making the work area safer.

When you use Safety Tools there is:

- ▶ **No Hot Sparks**
- ▶ **Low Heat (Average 30°C– 60°C grinding steel)**
- ▶ **Low Noise (<85 dBA)**
- ▶ **No Dangerous Sharp Splinters**
- ▶ **Low Vibration (Average < 2.5 m/s)**
- ▶ **Roughness Profile 40 – 75 micron's**



BoltSafe is a Dutch company providing Bolt load Measuring Systems. The main product is a simple designed electronic washer, used in combination with a read-out system. BoltSafe is a part of the IBTS group, Industrial Bolting Technology & Supply Group B.V.



Hyflodraulic Limited
Motion Control Specialists

48 Clyde Ave, Donovan's Industrial Park
Mount Pearl, NL A1N 4S1

Phone: (709) 364-5566

Fax: (709) 364-8215



. Since 1911, Forsythe Lubrication has manufactured superior quality lubricants and functional fluids for industrial applications with a broad range of services to back them up.

Today, our activities are balanced in two areas. Approximately half of our blending capacity is allocated to toll blending for the major oil companies and first fill automotive fluids. The other half is dedicated to Forsythe's brand of industrial lubricants and specialty products for niche markets. Distributors represent our fluids globally.

Remaining privately owned and family operated since the beginning with the 5th generation already involved has maintained Forsythe's "standard of excellence."

Forsythe's dedicated team ensure that standard and are highly regarded by customers and the marketplace for providing exceptional service, innovative problem solving ideas as well as cost cutting solutions. Testimonies from our valued customers are evidence to that.

Our commitment to quality is ensured with our employees, our lab on site and ISO certifications 9001:2000 and TS 16949. A win-win philosophy is applied to all corporate dealings.



Hyflodraulic Limited
Motion Control Specialists

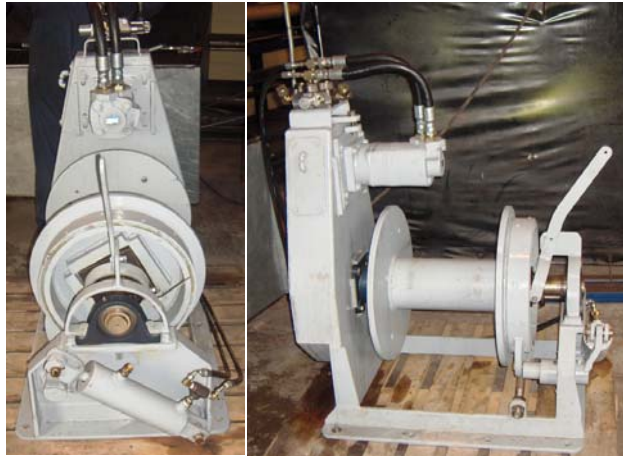
48 Clyde Ave, Donovan's Industrial Park
Mount Pearl, NL A1N 4S1

Phone: (709) 364-5566

Fax: (709) 364-8215

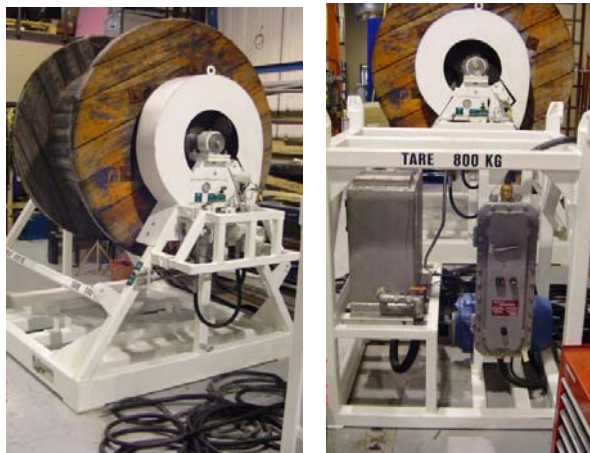
Design and Supply Projects

Canadian Coast Guard Barge Retrieval Winch – Newfoundland & Labrador



*

Husky Energy Crane Spooling Winch & HPU – Newfoundland & Labrador





Hyflodraulic Limited
Motion Control Specialists

48 Clyde Ave, Donovan's Industrial Park
Mount Pearl, NL A1N 4S1

Phone: (709) 364-5566

Fax: (709) 364-8215

Petro Canada Spooling Winch & HPU – Newfoundland & Labrador



**Design / Supply & Commissioning of 13x Subsea Control Panels for Hibernia
Management & Development Company Ltd. – Newfoundland & Labrador**

