

THUNDER BAY



METAL FABRICATORS ASSOCIATION



TBMFA?



What is the TBMFA

- The Thunder Bay Metal Fabricators Association is a not for profit association adding Thunder Bay Companies gain recognition outside Northern Ontario.
- Its is comprised of 5 lead companies and 42 associate companies or suppliers.

“The overall goal of the program is to provide support to Thunder Bay companies to leverage new business through identifying new clients and opportunities in Western Canada”

Thunder Bay?



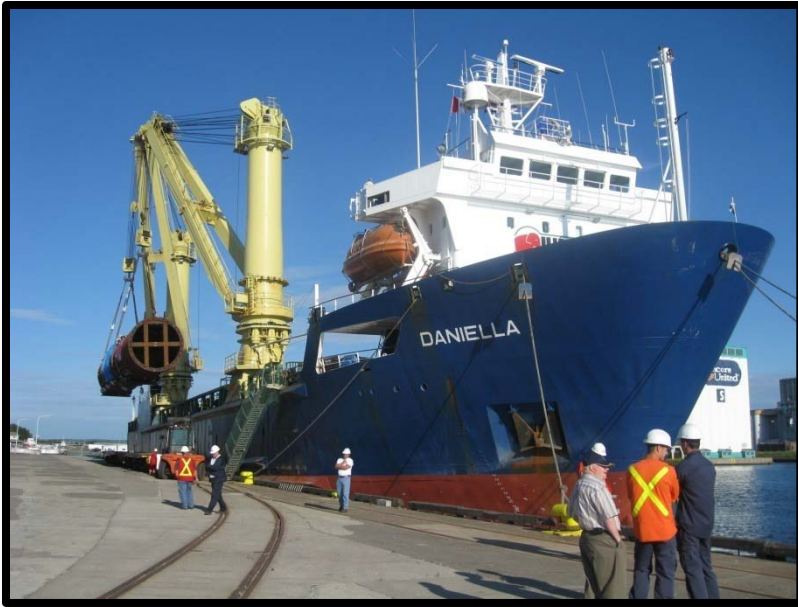
Where is Thunder Bay, Ontario?

Approximately 2000 km east of Calgary on the TC

- ▶ Population 122,000.
- ▶ 10th largest city in Ontario.
- ▶ International Marine.
- ▶ Both CN and CP rail access.
- ▶ Adjacent to the Trans Canada Hwy and US interstate connections.
- ▶ 3rd Busiest International Airport in Ontario.



Port of Thunder Bay



Reactor being offloaded from ship and loaded onto CN rail car destined for CNRL. (113' long x 14' wide, 15.5' high)

****Gross loaded on rail weight of over 400 tons****

Lead Memebers



- ▶ Venshore Mechanical Ltd.
- ▶ Coastal Steel Construction
- ▶ Peterson Machine
- ▶ Nutech Metals
- ▶ Metso





Venshore Mechanical Ltd

Venshore Mechanical Ltd. epitomizes Safety, Quality and Innovation. Since 1987 we have been at the forefront of Industrial Construction including Pulp and Paper, Mining, Co-Generation, Gas transmission, Water and Sewage Treatment facilities. Time and time again we have demonstrated our technical capability through the highest calibre Project management, Supervisors and Trades people.

General Contracting, Equipment installation, Process piping, Tank erection, Project management.





Venshore Mechanical Ltd

Pipe fabrication

- Carbon Steel, Stainless Steel, Chrome Alloys, Titanium, Aluminium, Duplex, Monel
- TSSA, ABSA, National Board Certified
- In-house Induction PWHT and NDE





Venshore Mechanical Ltd

Fabrication Facility

- New 18,000 Sq Ft Shop
- 2– 10000# overhead cranes 25' clear headroom
- 5 aches of lay down and storage
- Multiple welding stations complete with positioners, manipulators, and semi-automatic welding equipment.





Venshore Mechanical Ltd

Complete Modules

- ▶ Complete Structural
- ▶ Process Piping
- ▶ Instrumentation & electrical
- ▶ Specialty Coatings and Insulation
- ▶ Shrink Wrapped for transportation
- ▶ Modules easily shipped up to 16'-2" wide and 80' long





Coastal Steel

Coastal Steel Construction Limited the largest Steel Fabricator/ Erector and Warehouse facility in Northwestern Ontario with extensive experience in commercial, industrial, pulp and paper and mining projects. We are fully certified for welding under the Canadian Welding Bureau (CWB) as a Division 1 Company.

Established in 1967, we employ over 50 shop and field personnel. Our production ranges up to 500 Tons per month when under full capacity. We inventory over 2,000 Tons of steel at any given time ranging from beams, channels, plate and grating.

Certified Structural Steel Fabrication

- ▶ **CNC Beam Line:**
 - Single axis drilling machine can drill W-shapes, channels, plates etc.
 - capacity is 40" deep x 60' long.
- ▶ **CNC Burning Table:**
 - 3 oxy fuel heads capacity 4" thick plate
 - one plasma head capacity 1" thick plate
 - table 10' x 24'
- ▶ **Paint Shop:**
 - 40' x 150' fully heated and vented paint shop (7000 sqft)
 - capable of painting 1 to 3 coats of paint



- ▶ **Press Brake:**
 - 400 Ton Press Brake ½" x 10' Capacity
- ▶ **Shear:**
 - plate shear ½: x 10' Capacity
- ▶ **Shop assembly area:**
 - main shop 60' x 200' (12,000 sq ft)
 - three 5000 kg OH hoists
- ▶ **Wheel-a-brator:**
 - steel beam cleaning system
 - can achieve up to SSPC-SP10 blast cleaning



Structural Steel Erection

- Large Labour Force of highly skilled industrial iron workers.
- Affiliated with Local 759 Bridge and Ornamental Ironworkers.
- Crews are fully equipped and trained in steel erection.





Peterson Machine

Peterson Machine is well rounded with 55 years combined experience in the machining, fabrication, and rebuilds business for the pulp and paper and mining industries

The existing facility encompasses over 14 000 square feet, complete with a full compliment welding shop for stainless steels, mild steel, aluminium, titanium and other exotics, a full machine shop and rebuild facility is also present and has all the necessary equipment to rebuild pumps, gearboxes and many other pieces of pulp and paper and mining equipment.

Peterson's is a CWB Certified facility and the company is now TSSA certified. An in house quality assurance program assures the outgoing products will meet all our customers' requirements for tolerance and quality.



Peterson Machine

Machining & Specialty Rebuilds

- All Material Types
- High Quality finished products
- Cost Competitive
- Specialty rebuilds.





Peterson Machine

Fabrication & Conveyors

- Complete Fabrication Service
- Design, manufacturing and supply of complete conveyor systems.
- Turn key material handling solutions





Nu Tech Metals

- ▶ Nu-Tech Metals Sales & Service Ltd. is a locally owned and a fully functional 12,000 square foot C.W.B certified sheet metal shop specializing in a variety of fabrications and installations including:
 - Sheetting and siding
 - Belt covers
 - Hoods and guards
 - Spouting and chutes
 - Structural steel catwalks
 - Vacuum systems
 - Blowpipe
 - Dust control (piping, cyclones, and filters) – specialty metals
 - Complete air handling systems



Nu Tech Metals

Frameless Metal Containment Buildings

- Buildings can be fully customized
- Ultra mobile or Knock Down field assembled.
- Fuel Storage, Generator enclosures, Pump houses





Metso

- ▶ Enerdry Constructors Ltd began operation on December 11th, 1984 as an industrial sheet metal fabrication and erection service company initially catering to the needs of the Pulp and Paper Industry, specializing in custom fabrication with metals including stainless steel, aluminum, mild steel, corten, aluminized steel, galvanized steel, and wear plate.

The company soon branched out to service different industry sectors including Mining, Grain, Potash, Commercial Services, Power Generation and Engineering Companies. Resulting from market diversity, Enerdry Constructors has developed the capabilities to perform any type of custom fabrication with an unparalleled standard of craftsmanship.

HVAC and Fabrication

- High Def Plasma Cutting
- CNC Press & Shear
- Specialty Surface Coating
- ISO 9001;2008
- ISO 14001;2004



THUNDER BAY



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Thank you for your time.