

SAMUEL MANU-TECH INC.

Steel Pressure Vessel Group

Excellence Under Pressure



STEEL FAB

SILVAN
INDUSTRIES, INC.

**Northland
Stainless, Inc.**

STEEL FAB

Steel Fab is a leading supplier of carbon steel ASME pressure vessels, serving the air compression industry for over 75 years. Steel Fab has diversified into other markets including energy and water treatment. Modern equipment and highly-efficient flow lines enables Steel Fab to produce high run quantities of basic pressure vessels very cost effectively. Steel Fab also is suited to the fabrication of larger (up to 120" dia.) carbon steel pressure vessels.

In addition to their manufacturing facility in Virginia, Steel Fab supports the Canadian market with a Sales and Distribution office in Ontario. Steel Fab became a member of the Samuel Manu-Tech family in 1988.



The Samuel Manu-Tech Steel Pressure Vessel Group is comprised of three distinct member companies. Each of the three companies is a recognized leader in their respective markets. By combining the unique capabilities of each company into an integrated group, we are the most complete solutions provider in the pressure vessel industry. We can cost-effectively produce everything from thousands of small carbon steel air receivers to one-off highly-engineered 80,000 pound high alloy heat exchangers.

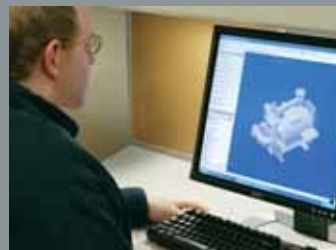
By leveraging synergies in material purchasing, technical resources, lean manufacturing and numerous other areas, the Steel Pressure Vessel Group is able to provide our customers with optimum value for their pressure vessel spend.

We would eagerly welcome the opportunity to earn your business. Our workforce of more than 650 Pressure Vessel Professionals are focused on providing you with "Excellence Under Pressure".



SILVAN INDUSTRIES, INC.

Since its inception in 1988, Silvan Industries, Inc. has realized significant growth. While a sizeable portion of Silvan's business is tied to the air and gas compression industries, Silvan also fabricates highly-specialized products for a variety of markets including water treatment, diving and medical related hyperbarics, chemical transport and a number of facets of the energy industry. Silvan manufactures products in carbon and stainless steels. Silvan offers ASME Code certified vessels and is experienced with a wide variety of other domestic and foreign pressure vessel codes. A large staff of Engineers and Project Managers enables Silvan to excel at demanding "spec-jobs". Silvan became a Samuel Manu-Tech company in 2006.





Northland Stainless, Inc.

For over 35 years, Northland Stainless has been a recognized leader in the fabrication of high-end stainless steel and high alloy pressure vessels and related components. Historic markets have included pharmaceutical, food & beverage and pulp & paper. More recently, Northland has excelled in the fabrication of large, complex process vessels for ethanol production, water treatment and a variety of other markets. In addition to complex vessel fabrication, Northland Stainless is a leading manufacturer of ASME and non-code domed heads for other vessel fabricators. Northland Stainless has extensive mechanical polishing capabilities as well as a state-of-art electro-polishing system to ensure any level of finish can be achieved. Joining Samuel Manu-Tech in 2007, Northland Stainless is the newest member of the Steel Pressure Vessel Group.



Steel Pressure Vessel Group - Capabilities and Services

Product Types

- Air Receivers
- Air Brake/Air Starter Receivers
- Water Treatment Vessels
- Oil Separators
- Filter Housings
- Pressure Pots
- Process Tanks
- Heat Exchangers
- Fluid Storage Tanks
- DOT Shipping Containers
- Hyperbaric Chambers
- Reactors
- Fermentors
- Evaporators and Dryers
- Digesters
- Screw Conveyors
- Portable Batch Equipment
- V Blenders
- Tank Components

Process Capabilities

- Vessel diameters from 2" to 192"
- Carbon steel, stainless steel and various high alloy metal fabrications.
- Pressures from full vacuum to 13,000 PSI
- Fabrications 80,000 lbs plus
- Wide variety of vessel codes: ASME, CE/PED, AD-Merkblatt, MHWL, SAE J10/FVMSS, USCG, CRN, DOT, MOM Certification

Please call for codes not listed above.

Finishing Options

- Primer
- Epoxy Lining
- Mechanical Polish Stainless Steel
- Electro Polished Stainless Steel
- Powder Coating
- Enamel Wet Paint
- Galvanizing

Specialized Testing Options

- Radiography
- Dye Penetrant
- Ultrasonic
- Helium Gas Test
- Riboflavin
- RA Finish
- Borescope
- Saline Test
- PMI
- Welder Log Certificate

Sample of Markets Served

- Air & Gas Compression
- Pharmaceutical
- Medical
- Chemical
- Biotechnology
- Ethanol
- Food and Beverage
- Dairy
- Water Treatment
- Paper
- Defense
- Cryogenics
- Process System Integrators (Skid and Module Fabrications)
- Transportation/Mass Transit

***Experience with
"Engineered Spec Jobs"***