

WELLS TECHNOLOGY

Manufacturing Capability



Overview

Wells Technology is a minority-owned, manufacturing small business doing contract engineering, custom CNC machining, and assembly. From prototypes to large production runs, over 20,000 designs of precision metal products have been produced during 30 years of experience in serving high-tech industries and world class customers.

Capability

Materials Machined:

- Stainless Steel, Alloy Steel, Tool Steel, Carbon Steels, Inconel, Monel,
- Hastelloy, Titanium, Niron, A286, Aluminum, Copper, Bronze, Beryllium

CNC Swiss Lathes: (Tolerance = \pm 0.0001")

- 7 Star, SR-20 mm dia. capacity, bar feed, 7-axis live tooling
- 4 Star, SW-12 mm dia. capacity, bar feed, 10-axis live tooling
- 2 Star, SR-38 mm dia. capacity, bar feed, 10-axis live tooling
- 4 Star, SW-20 mm dia. capacity, bar feed, 11-axis live tooling

CNC Turn/Mill Lathes: (Tolerance = \pm 0.0002")

- 3 Nakamuras, WT-150 turning centers, 20 hp, 2" dia. bar feed, 7-axis, Twin Turret, Twin Spindle
- 1 Haas CL1 chucking lathe

CNC Mills: (Tolerance = \pm 0.0001")

- 3 Makinos, 3-axis milling centers, 30 hp, 30-tool turrets
- Travel 35" x 20" x 17", Milling size = 24" x 18" x 12"

CMM: Zeiss 28" cubic capacity, Micro-View Vision 24" x 24" x 6",
2 Starrett AVR300 Vision Automatic Video Metrology Systems

Software: PartMaker, Master Cam, Solid Works, JobBOSS ERP

Production Facility: 54,000 Sq. Ft.

Production Quantity: Prototypes & samples to lots over 1 million

Industries Served: Aerospace, Defense, Medical, Oil & Gas,
Transportation, Electronic Communications

Vital Information

Manufacturing ISO 9001:2015 & AS9100D CAGE Code #: 0XB13

DUNS #: 102279940

NAICS #: 332710, 332721,
332722

EIN: 41-1653529

Founded: 1989, S-Corp.

Employees: 35

President: Andy Wells

Certifications: Mfg. ISO 9001:2015
& AS9100D



Registered: ITAR, SAM

Minority Status: Native American
SB, SDB, MBE
8(a) Program Graduate

Milling: Handles, Levers, Mounts, Fins,
Covers, Supports, Housings, Boxes



Assembly: Electrical,
Mechanical, Packaging



Turning: Screws, Bolts, Pins, Shafts,
Jackscrews, Valves, Pulleys, Nuts



Added Value for Customers

Prototype Development: Innovation, production engineering, and quick turnaround have helped Wells Technology provide new product development service to customers.

Complex Designs: Live tooling, twin turrets, and twin spindles of machining centers allow precision machining of cross holes, offsets, deep drilling, long shafts, tapered bores, and other difficult features.

Flexibility: As a small business, internal communication is quick and efficient for customer changes in designs, materials, quantities, and delivery dates.

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Overview of Wells Technology

In 1989, Wells Technology was founded as a minority owned business by Andy Wells, an enrolled member of the Red Lake Indian Nation in Northern Minnesota. Mr. Wells began in a small garage with a dream to create value for customers and jobs for his poverty community. His passion to succeed through innovation and perseverance helped Wells Technology serve customers with new products that were patented and manufactured. By 2004, Wells Technology had expanded manufacturing across the USA market and also became a Tier-1 national distribution channel for a wide range of industrial supplies. Today, Wells Technology is a state-of-the-art manufacturing and distribution business with a modern 54,000 sq. ft. facility, new production jobs, alternative energy, and industrial education for Native Americans.

Socio-Economic Contributions

Wells Technology values include serving communities and others in need of training and employment. As an outreach for improving lives, Wells Technology operates three paid career training and employment programs:

1. The first is **WELLS ACADEMY**, a non-profit 501c3 industrial jobs-training school for economically disadvantaged Native Americans.
2. The second is a Wells Technology Apprentice CNC Machinist School for returning military veterans who need a new career.
3. The third is Bear Clan Solar which is a paid apprentice program for young people to manufacture and install large 2-axis tracking 3-kW solar systems for residential and commercial use.



Energy Conservation Practices

Wells Technology uses both energy conservation and alternative energy for maintaining a healthy earth.

High-Tech Lighting



Extra Insulation



Efficient Heat-Pumps



Solar Energy Systems



Performance Awards

- "Mid-West USA Junior Achievement Champion" for dynamic growth in business and Social Enterprise
- "Diversity Supplier of the Year" from Day & Zimmerman
- "Strategic Partner and Minority Vendor of the Year" from Fastenal Company
- "Minority Vendor of the Year" from Archer Daniels Midland
- "Exceeding Supply Expectations" from the Oshkosh Defense Company
- "Exceptional Performance" from Vandenberg Air Force Base
- "Dart Achievement" from BAE Systems for development work on the Future Combat Systems
- "One Million Parts with Zero Defects" from the Hi-Lex Corporation

Recognition Received

- "Lifetime Achievement in Social Justice" from Dartmouth University
- "Minnesota Idea Hall of Fame" from the Minnesota Idea Circle
- "Lifetime Achievement" from the National Minority Business Development Agency
- "Purpose Prize for Creating Social Good" by the John Templeton Foundation
- "Martin Luther King Legacy" from General Mills Foundation and the United Negro College Fund
- "Excellence in Leadership" from Native American Tribes of Red Lake, Leech Lake and White Earth
- "Minnesota Small Business Person of the Year" from Minnesota Small Business Administration
- "Entrepreneur of the Year" from MEDA (Metropolitan Economic Development Association)
- "In-Person Congratulations for Community Service" from President Obama, Whitehouse, Washington, DC