

Capability Statement

About Us:

- ❖ Founded in 1991, Alotech, Inc. is a contract manufacturer that provides custom-engineered solutions from rapid prototype to full production.
- ❖ Primary NAICS Code:
332 Fabricated Metal Product Mfg
332710 Machine Shops
- ❖ Business Classifications: SBA Small Business; Alotech is an **ISO 9001-2008** company with 50 employees.
- ❖ **UL 508A Certified Panel Shop** capable of design/build of industrial control panels and enclosures.
- ❖ We are located in a 220,000 square foot facility in central North Carolina.
- ❖ Our mission is to build a strong partnership with companies having manufacturing out-sourcing requirements, including seasonal peak relief.
- ❖ We have the knowledge, equipment and experience to provide a finished part or product at a competitive price to meet a customer's "Just In Time" delivery schedule.

Core Capabilities:

- Machining
- Fabrication
- Contract manufacturing
- Assembly/sub-assembly
- Reverse Engineering
- Research & Development
- PLC Controls & Automation Services
- Containerized solutions

Work Flow & Product ID:

- Job-Boss work flow control with archive record for ISO & AS compliance.
- Compliant with MIL-STD-130 "UID" standard including Machine-Readable Information (UID) (Bar-code).

3-D Scanning

Laser scan with resolution of 1.7 µm or 0.0000669 inch.

Machining

- Manual & CNC milling and turning equipment
- Full range of milling capable up to 30" x 60"
- NCDOL Apprenticeship Program - graduate craftsmen tool & die makers.
- Certified Welders
- Stainless steel to aluminum welding – MIG/TIG
- Custom 'One-Off' design to full production
- CAMWorks programming software

PLC Controls & Automation Services

- Complete project management for Mechanical or Electrical projects
- 'Stand-Alone' custom automation
- Service coordination for on-site equipment service and upgrades

Electrical

PLC's, HMI, Servo Motion-Multi Axis, System building, AC/DC Drive, Allen Bradley, Siemens, GE PLCS HMI & Motion controls, Data acquisition.

Mechanical

Machine & Equipment Design, FEA Analysis, Reports, Solid Modeling, Project Management, Product Development, & Solid Works 2010.

Remanufacturing/Assembly/Sub-Assembly

Sample Project: Alotech is the sole remanufacturing source in North America for a Fortune 500 company engaged in truck clutch manufacturing. We presently process approximately 1,500 truck clutches per week.

Water Purification Contract Manufacturing

Alotech is the sole source for the design and manufacture of water purification systems for First Water, a subsidiary of Hydrologic. Corp. Alotech also manufactures systems for Seldon Tech.

Quality Control

ISO 9001:2008 original certification 02-15-2006; Updated 12/14/2011. QMS conforms to AIAG **PPAP** and **SAE9102** for FAI.

Water Treatment Systems

- Alotech manufactures a wide range of systems from 1 to 60 gal/minute
- Systems include: Filtration, Reverse Osmosis and UV Disinfection.
- Currently have systems operating in Cambodia, Haiti, Dominican Republic, Nicaragua, Brazil, Uganda and India.

Major Commercial Customers:

Caterpillar, Goodyear, Eaton, Coty, Pentair, Progress Energy, Moen, Hydrologic Corp., Seldon Technologies and Vertimax.

Federal Contract Awards:

- Air Education and Training Command, Maxwell AFB, FA3300-12-P-0101, Aluminum Parts & Kits.
- USAF Directorate of Contracting FA8232-12-D-0010, F-16 Logistics Support Group multi-award 5-yr IDIQ \$4.5 Million.
- National Institute of Standards & Testing, NB680000-13-02309, four (4) custom SS vacuum chambers.

POC:

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ALOTECH, INC



ISO 9001:2008