



Capability Statement

HYDROJET

Vital Information

AS9100D Cert. #: 130987.01

HUBZone #: 26260

SBA #: PO729646

DUNS #: 197278617

Cage code: OYBE6

*Certifications available for download at
www.hydrojet.com*

Facility Location / Mailing Address:

450 Gateway Drive

Reading, Pennsylvania 19601

Phone: 610-375-7500

Fax: 610-375-7686

info@hydrojet.com

www.hydrojet.com

Company

Hydrojet is a family owned & operated HUBZone small business established in 1987. We specialize in manufacturing composite structures and assemblies for Aerospace, Defense and Commercial applications. We provide complete composite part turnkey solutions - including in-house tooling and fixture manufacturing, Certified Clean Room ply cutting and layup, autoclave bonding, CNC trim & drill, assembly, and CMM inspection. We also offer in house 5-Axis Precision CNC Machining, Large bed 5-Axis Milling, Large bed 5-Axis Waterjet cutting services and much more.

Facilities & Equipment

40,000 sq. ft. Facility

Clean Room- ISO Class 8 / 100,000 –Computer Controlled/ Monitored

Autoclave - 48" dia. x 96" length, 150 psi, 450 deg.

Autoclave - 96" dia. x 240" length, 150 psi, 450 deg. Gerber

Batch Curing Oven – 96" x 132" x 144"

Automated Ply Cutting

Laser Ply Placement Systems

Composites Material Freezers

Material Lab Testing

5-Axis CNC Machine -244" x 137" x 59" travel

5-Axis CNC Machine - 30" x 25" x 20" travel

5-Axis CNC Machine -64" x 40" x 32" travel

5-Axis CNC Machine -62" x 32" x 30" travel

5-Axis CNC Machine -50" x 20" x 25" travel

3-Axis Waterjet -120" x 156" x 12" travel, Dual Dynamic cutting heads

5-Axis Waterjet -120" x 144" x 24" travel

3-Axis Waterjet -72" x 120" x 12" travel

Coordinate Measuring Machine -80" x 40" x 32" Fixed Bed

Portable CMM Arm - Laser & Probe

Services & Capabilities

Pre-Preg Composites Layup of Kevlar, Fiberglass, Carbon Fiber, Graphite, BMI, Honeycomb Core, Foam Core, and more

Autoclave Cure

Ply Layup / Cutting / Kitting

Co-Bonding / Co-Cure

Reusable Silicone Bagging - Design & Manufacturing

Large Batch Oven Cure

Composite machining, trimming & drilling

Composite Tooling design and manufacture

Assembly ready parts

Completed Assembly Parts

Sub-contract special processing

Material Testing Lab

CMM & FARO Inspection

5-Axis Machining

5-Axis Waterjetting

In House Engineering

CATIA – Including CGX Composites Manufacturing

