

CREDENTIALS FOR WORKING AS A SUB TO PRIME
SUPPLIER FOR THE UNITED STATES DEPARTMENTS
OF DEFENSE & ENERGY



Complex Fabrications, Heavy Weldments and Precision Machining Services

Custom Engineering is a supplier to world-class companies in the power generation, transportation, oil & gas, entertainment, construction, forest products, mining industries, as well as the U.S Departments of Defense & Energy (Sub to Prime).

Custom Engineering is currently engaged with the DOD and DOE as a Sub to Prime vendor.

NAICS: 332312, 332710, 332313, 332420, 333249, 336419

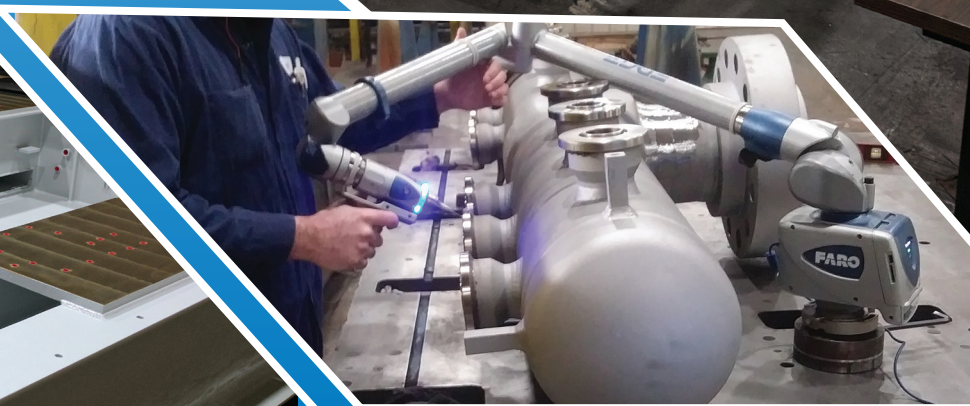
DUNS: 077495232 • NIST 800-171: Compliant

AQS-AC7004 Aerospace Quality System Accreditation

Cage Code: 1BLD5 • ITAR Registered

NAP-23/AEA Approved • NADCAP Welding Accreditation

Classification: Small Business



Contact:
Troy Miodus
Custom Engineering Company
2800 McClelland Ave. • Erie, PA 16510
(814) 898-2810 ext 271 • tmiodus@customeng.com
www.customeng.com



More
Details

WELDING CERTIFICATIONS AND REGISTRATIONS:

ASME – U, R and S Stamps • ISO 9001-2015 Certified
AWS Certified • NADCAP Welding Accreditation

FACILITIES:

Manufacturing Space:

200,000 sq.ft.

Crane Capacities:

Up to 160,000 pounds

Staff/Team:

130+ Employees, 40+ Certified Welders
Certified Welding Inspectors and Weld Engineer on site

Robotic Welding System:

3 Bay Motoman System

Precision Fit Up Stations:

To ensure a level surface for fitting large weldments

Plasma Cutting Table:

144" x 500" with CNC control and nesting capabilities

Oxy Fuel Burning Table:

120" x 500" with CNC control and nesting capabilities

Tank and Pipe Rollers:

(4) - up to 70,000 lbs.

WELDING PROCESSES:

Gas Tungsten Arc Welding (TIG) • Gas Metal Arc Welding (MIG)
Flux-Cored Arc Welding (FLUX) • Submerged Arc Welding (SubArc)
Shielded Metal Arc Welding (Stick)

NON-DESTRUCTIVE TESTING:

Ultrasound • Radiographic • Magnetic Particle
Dye Penetrant • Visual • Hydrostatic • Load Testing



MAKE	TYPE	X-AXIS	Y-AXIS	Z-AXIS	W-AXIS	TABLE
Gray	Planer Mill	365	147	10 (102 Under Rail)	N/A	132x364
Niles	Planer Mill	306+	185	10 (116 Under Rail)	N/A	132x364
Niles	Planer Mill	240	73	8 (69 Under Rail)	N/A	64x241
Niles	Planer Mill	150	97	8 (72 Under Rail)	N/A	84x146
Gray	CNC HBM	240	120	48	40 Table Feed	110x110 108x168
Toshiba	CNC/HBM	236	98	39	78	98x78
G&L	CNC HBM	108	72	36	48	48x120
G&L	HBM	169	69	48	N/A	110x192
G&L	HBM	158.3	90	48	N/A	N/A
Cincinnati Gilbert	HBM	65	60	24	24	48x48
SNK	CNC/HMC	118	78	63 Column	27.5 Spindle	63x71
Visionwide	CNC/VMC	204	153	40	N/A	196x96
Amera-seiki	CNC/VMC	204	79	35	N/A	65x204
Cincinnati Gilbert	CNC/VMC	120	30	114	N/A	28x157
Haas	CNC/VMC	40	20	25	N/A	18.5x48
Cincinnati Gilbert	E Mill	117	30	14	N/A	30x108

