Facility List



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Thank you for your interest in Loudon Industries, Inc.

We offer a diverse range of machining and engineering capabilities to satisfy our customers' diverse requirements. CNC Gear cutting of all types produced from all grades of bar stock, forgings, and castings is one of our areas of expertise. We are a complete shop offering services from purchasing the selected raw material to supplying a finished product ready for use.

Our capabilities include precision CNC and Manual machining, EDM work, grinding, turning, milling, welding, drilling, broaching, project design/engineering, Zeiss CMM services, and assemblies. We maintain a complete quality control department and quality assurance system. A quality control manual is available upon request.

Loudon Industries utilizes an NT based local area network to provide CAD/CAM capabilities to our design and engineering department, as well as supplying current information directly to our shop floor via touch screen computers. Our local area network is also the base for our new administrative/plant management software.

Enclosed is a listing of some of the products and services currently in production. In addition, we have enclosed sample photos of our equipment, shop, and various products currently in process. The listing and photos are representative but not inclusive.

We welcome requests for quotations on products that you may require. Please see the last page for complete contact information.

Thank you again for considering Loudon Industries. Please review the following pages for a brief overview of our facility and equipment.



This Certificate of Registration acknowledges

Loudon Industries, Inc / Rock Hog Drilling Products, Inc

140 Landis Dr. Mercerberg, Pennsylvania 17236 United States

is registered in recognition of a quality management system demonstrated in conformance with

ISO 9001:2015

Scope of Registration:

Design, Manufacture, and Distribution of Rock Drilling Products, Gears and Gear Products







Number: 16756 Issued: 28-Jul-2022 Expires: 27-Jul-2025

161 Thorn Hill Road • Warrendale, Pennsylvania 15086-7527, USA

ISO 9001 Certified

Our 45,000 square foot facility is located in south central Pennsylvania. The facility is easily accessible by our customers, suppliers, and employees. We are located just off Route 16, between Interstate 81 and the Pennsylvania Turnpike, in the borough of Mercersburg.

Our entire facility is temperature controlled. Our shipping and receiving area accommodates both dock and tailgate loading and unloading.

We welcome all our customers to visit our facility.





LOUDON INDUSTRIES INC.

Gear Cutting

Mitsubishi GD20 CNC Hob



Mitsubishi ST40 CNC Shaper



Gear Cutting

G & E Gear Hobbes





Fellows #36 Gear Shapers & G & E Gear Hob



Gear Cutting

Colonial Helical Spline Broach



Equipment Overview Milling

Okuma MX-60 Horizontal Machining Center



(with 2 Rotary tables)

Haas VF3YT Vertical Machining Center



(with Rotary table)

Equipment Overview Milling

Okuma Genos M560-V



(with Rotary table)

Turning

Mazak Multiplex 6300Y



(with Robotic Loader & 12" Chucks)

Okuma Crown Lathe



(with 10" Chuck)

Equipment Overview Turning

Haas SL-40 Lathe



(with 16" chuck)

Haas TL-3 Lathe



(with 12" chuck)

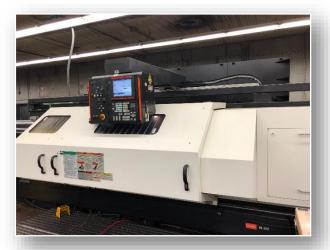
Equipment Overview Turning

Mazak M5 Lathe



(with 20" quick change chuck & 120" centers)

Mazak M5 Lathe



(with 20" quick change chuck & 80" centers)

Equipment Overview Turning

Okuma Genos L250II-E



(with 8" chuck)

Okuma LB3000EX-II/800-MYW



(with Fanuc AWR automation)

Turning

Kingston HD-26 Lathe w/ digital readout



(swing over bed 26", distance between Centers 120", spindle bore 4 1/16")

Milling & Turning

Mazak Integrex I-200ST



(with gantry robot & Renishaw probing)

Mazak Integrex I-300S



(with gantry robot & Renishaw probing)

Milling & Turning

Mazak Integrex 200-IV



(with 10" chucks)

OD Grinding

Okomoto Precision CNC Cylindrical Grinder



(12" Diameter x 20" Centers Capacity)

Okomoto Precision CNC Cylindrical Grinder



(12" Diameter x 60" Centers Capacity w/ Marposs In-Process Gauging System.)

OD Grinding

Okomoto Universal Grinder



(12" swing x 36" centers)

Other Machinery

Sodick Wire EDM Machine



Behringer Horizontal Band Saw



(Up to 16" diameter capacity)

Other Machinery

Pangborn Shot Peener



Lincoln Electric Automated Welder



(with Fanuc robot & automatic positioner)

Other Machinery

Sunnen HTA 2100 Tube Honing Machine



(can bore $2\frac{1}{2}$ " – 21" dia. and stroke Up to 78 ¾" long)

Machinery Constraints

Machine Type	Max Diameter	Max Length	Max Gear Class
Lathes Turning	24"	120''	-
Machining Centers Milling	24"	40''	-
OD Grinding	12"	60''	-
Multi-Task Machining Turning & Milling	26"	60"	-
Gear Cutting Hobbing	24"	16"	12
Gear Cutting Shaping	36"	10"	12
Gear Cutting Broaching	24"	72"	8

Quality Control



LOUDON INDUSTRIES INC.

Quality Control

Surface Hardness Tester, Gauges, Optical Comparator



Zeiss Coordinate Measuring Machine



(with the ability to check gear data and multi point scanning ability)

Contact Information

Phone Number: 717-328-9808

Fax Number: 717-328-5010

Mailing/Shipping Address:

Loudon Industries, Inc.

140 Landis Drive

Mercersburg, PA 17236

Business Hours: Monday – Friday 8:00 AM – 4:30 PM

Website: <u>www.loudonindustries.com</u>

Email: sales@liiusa.com

