



Sub-Contract Services

MILWAUKEE SERVICE CENTER



Facility Features

- › Climate-Controlled Generator Rotor Rewind Bays
- › 300-Ton Lifting Capacity
- › Large Balance and Over Speed Bunker

Dedicated Shop

Over 160,000 square feet of dedicated shop space and state-of-the-art equipment are ready to service your needs for machining, welding, NDE, and engineering.

Shop Services

- › Large Machining
- › CNC Machining
- › Parts Manufacturing
- › Reverse Engineering and Parts Design
- › Metallurgical Engineering Onsite
- › Coordinate Measuring Machine
- › FaroArm / Laser Scanning
- › Large Shaft Balancing
- › NDT
- › Welding

Value-Added Services

Assembly services for customer projects include, but are not limited to, inspection, final assembly, and testing.

Turn to **Toshiba**

toshiba.com/taes

TOSHIBA

SHOP CAPABILITIES



Turn to Toshiba for Comprehensive Shop Services

Toshiba's Milwaukee Service Center (MSC) has state-of-the-art equipment with turning capabilities up to 160" diameter and milling capabilities of 120"x 240" all within an accuracy of 0.001". We specialize in new parts manufacturing for a variety of industries.

Machining

A wide range of manual machine tools and CNC machining centers, utilizing Solidworks and MasterCam modeling software, are used to produce precision products.

- › CMM and Laser Scan technology.
- › Lathe Capabilities: Up to 160" Swing and 132 Tons
- › Vertical Turning Lathe: Max Swing 16'-7" and 25 Tons
- › CNC Machining Centers with Accuracy to .001"

NDE

Methods:

- › Eddy-Current
- › Magnetic Particle: 200A
- › Liquid Penetrant
- › Ultrasonic
- › Visual

Welding

Process and Material Experience:

- › Tungsten Inert Gas Welding – Aluminum, Inconel, Stainless and Stellite™
- › Metal Inert Gas Welding – Inconel, Carbon Steel, Alloy Steel and Stainless Steel
- › Plasma Transfer Arc Welding – Stellite™ Hard-Facing - Automated - External and Internal Surfaces
- › Submerged Arc Welding – Carbon Steel, Alloy Steel and Stainless Steel
- › Flux Core Arc Welding – Inconel, Stainless Steel, and Alloy Steel

Equipment Highlights:

- › Four Stress Relief Furnaces with Capability up to 1375 ° F
- › Induction Preheat and Stress Relief Equipment
- › Submerged Arc Automated Welding System
- › Plasma Arc Transfer Automated Welding System

Turn to **Toshiba**

to learn more, visit toshiba.com/taes



SC_092018