



# Chicago Service Center

Elliott's Midwest service center is in Crown Point, Indiana, which is conveniently located near I-65 and I-80/94. The 25,000-square-foot repair facility is fully equipped and staffed to service virtually all makes, models, and types of rotating equipment. The Midwest service center specializes in the following areas of rotating equipment service:

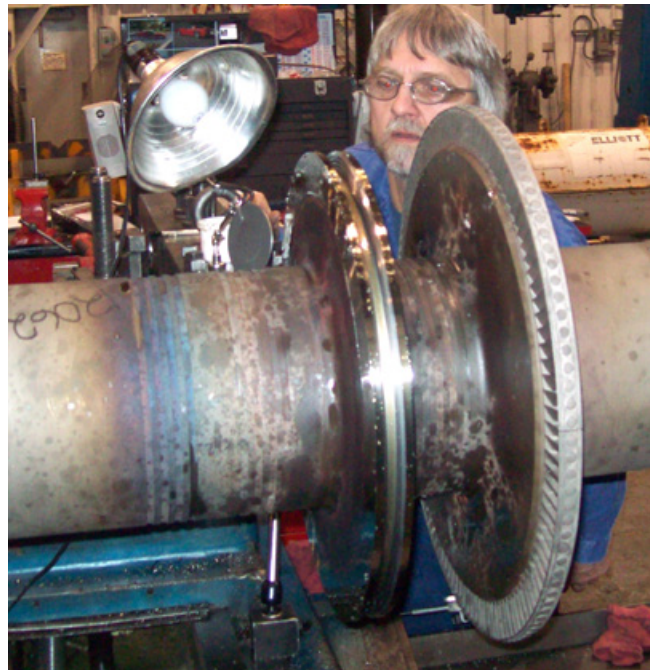
- ♦ Single - and multi-stage steam turbine repairs
- ♦ Centrifugal and axial compressor repairs
- ♦ Gearbox repairs
- ♦ Inspections and overhauls
- ♦ Innovative weld repair technology
- ♦ Dynamic rotor balancing and vibration analysis
- ♦ Full nondestructive testing by Level II technicians
- ♦ Bucket and blade repair/replacement
- ♦ Diaphragm restoration
- ♦ Custom parts manufacturing
- ♦ Specialty shop machining
- ♦ Stress relieving
- ♦ Equipment upgrades and rerates
- ♦ Re-engineered modifications
- ♦ Pulse TIG welding and portable EDM capabilities
- ♦ At-site service

All Elliott facilities are staffed by qualified personnel with a diverse experience base in repair techniques and procedures. They are ready to respond to your service requirements in a timely manner with the proper equipment. Elliott service centers are registered to ISO 9001 or have structured quality management systems. They also support the latest nondestructive testing methods. Service is available 24 hours a day, seven days a week.

With more than a century of turbomachinery experience and a tradition of excellence, Elliott can provide you with a single, comprehensive source for all your rotating equipment needs. We know what it takes to keep your equipment performance high and your maintenance cost low.



*Submerged arc welding repair of a steam turbine disk.*



*Machined turbine disk ready for reblading.*

## Facility

- ♦ 60-ton crane capacity

## Boring Mills

- ♦ VBM, max. 88-inch swing, 50-inch height
- ♦ HBM, max. 16-foot x 11-foot table, 132-inch travel, 6-inch spindle

## Lathes

- ♦ Max. 94-inch swing, 45 feet between centers

## Dynamic Balancing

- ♦ IRD – 500 lbs / 5000 lbs / 25,000 lbs / 110,000 lbs (portable)

## Other Equipment

- ♦ Blast Cabinet 15-feet wide x 20-feet high x 30-feet deep
- ♦ Welding - Sub Arc, TIG, MIG, Flux Core, Stick, Mechanized TIG
- ♦ Surface grinder
- ♦ Drill press
- ♦ Milling
- ♦ Nondestructive testing



*Casing restoration for turbines and compressors.*



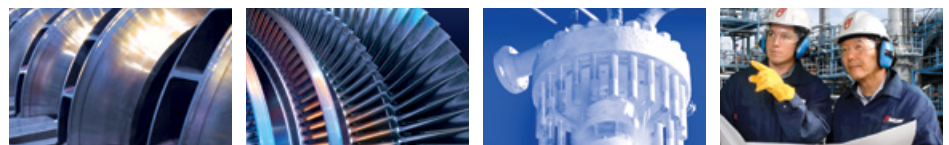
*Tip grinding of blades.*



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