



Eastern Canada Service Center

Elliott's Burlington service center is centrally located at the western end of Lake Ontario, serving Eastern Canada's chemical, petrochemical, oil & gas, refining, and steel industries. One of Elliott's two Canadian service centers, the 32,000-square-foot Burlington facility is staffed by certified personnel with broad experience in repair techniques and procedures that cover every aspect of customer support. Elliott service centers are registered to ISO 9001 or have structured quality management systems. The Burlington location can service virtually all makes, models, and types of rotating equipment regardless of the manufacturer.

Services provided at the Elliott Burlington service center include:

- ◆ Single- and multi-stage steam turbine repairs
- ◆ Centrifugal compressor repairs
- ◆ Centrifugal pump repairs
- ◆ Bucket, blade, and impeller repair and replacement
- ◆ Diaphragm manufacture and repair
- ◆ Dynamic rotor balancing and vibration analysis
- ◆ Equipment upgrades and rerates
- ◆ Full nondestructive testing by Level II technicians
- ◆ Innovative weld-repair technology
- ◆ Re-engineering modifications

Elliott Burlington's re-designed service center features an area for small mechanical repairs and re-manufacturing. Sectioned into discreet job zones, service staff can repair or overhaul small equipment from ergonomically designed scissor-lift tables. Compressed air and electric are piped through the floor, enhancing safety and efficiency in the work environment.

When a critical piece of turbomachinery fails, extended downtime is not an option. Elliott Burlington is equipped to respond quickly. As part of the Elliott Group's global service network, the Burlington service center is staffed with experienced and dedicated engineers, technicians, welders, and machinists who have the expertise and industry knowledge to keep your equipment performance high and your maintenance costs low.



Positioning a multi-stage turbine rotor onto 50,000 pound balance machine.



Adjusting casing alignment on a horizontal boring mill.



Submerged arc welding of a 22-foot long, 39,000-pound rotor shaft.

Facility

- ♦ 50-ton maximum lifting capacity, 30 feet under hook

Boring Mills

- ♦ Vertical boring mill: maximum 88-inch swing, 84-inch table diameter, 70-inch maximum height
- ♦ Horizontal boring mill: maximum 6-foot x 4-foot table, 4-inch spindle

Lathes

- ♦ Maximum 102-inch swing, 24 feet between centers

Dynamic Balancing

- ♦ Maximum 154-inch-swing, 110,000 pounds, 2.5 to 32-inch journal range

Other Equipment

- ♦ Welding: TIG, Stick, MIG, Pulse TIG, Sub-Arc
- ♦ Overspeed spin pit: 25,000 RPM, 42-inch diameter
- ♦ Blast cleaning booth: 1,400 cubic feet
- ♦ Nondestructive testing capabilities: magnetic particle and liquid penetrant



Machining a spider for an electric motor on a vertical boring mill.



Front: Stacking an Elliott 70M compressor rotor.
Back: Stress Relieving an Elliott 88M compressor rotor.

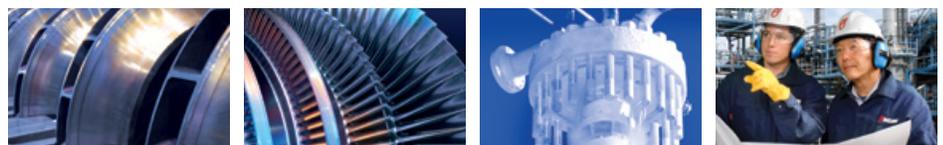


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