



Elliott Gas Services Saudi Arabia Service Center



View of the 2,800-square-meter air-conditioned production area.

The product of a joint venture between Elliott Group and GAS Arabian Services, the Elliott Gas Services Saudi Arabia (EGSSA) service center is located in Dammam, in close proximity to a large installed base of turbomachinery in Saudi Arabia's Eastern Province.

The service center features an area of over 2,800 square meters for turbomachinery repairs. It offers a full range of in-shop turbomachinery inspection and repair services for both Elliott and non-Elliott equipment including:

- ◆ Single- and multi-stage steam turbines
- ◆ Single- and multi-stage compressors
- ◆ Process expanders and associated equipment
- ◆ Rotor assemblies up to 1,800 millimeter in diameter and 7 meters in length
- ◆ Elliott products up to and including 88M compressor frame sizes

The service facility is staffed by qualified personnel with broad experience in repair techniques and procedures. They are ready to respond to your service requirements in a timely manner with the proper equipment. Service is available 24 hours a day, seven days a week.

With more than a century of turbomachinery experience and a tradition of excellence, EGSSA 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 costs low.

EGSSA is supported by Elliott's Global Service organization which covers every aspect of customer support including parts replacement, field service, design engineering, fabrication, project management, re-engineering, rerates, and installation services including site preparation, erection, startup training, and maintenance.



Exterior view of Elliott Gas Services Saudi Arabia service center.

Facility

- ♦ 2,800-square-meter air-conditioned production area
- ♦ Two off pits and a dedicated tower for rotor disassembly and reassembly with 10-ton capability
- ♦ 20-ton overhead crane
- ♦ Inspection and wash bay areas

Boring Mills

- ♦ Horizontal boring and milling machine: 4-meter x 1.4-meter table
- ♦ 10-ton workload capability

Lathes

- ♦ Computerized numerical control (CNC) vertical lathe, 2-meter max swing, 1.6-meter diameter, 1.2-meter max height
- ♦ Two CNC horizontal lathes and two traditional lathes, covering 1.5-meter length and 400-millimeter diameter to 7-meter length and 1,800-millimeter diameter

Dynamic Balancing

- ♦ Three Schenck balancing machines for rotors ranging from 300 kilogram to 20,000 kilogram

Other Capabilities

- ♦ Welding: tungsten inert gas (TIG), shielded metal arc (Stick), semi-automatic pulse TIG, semi-automatic submerged arc (SAW)
- ♦ Nondestructive testing: magnetic particle, liquid penetrant
- ♦ Heat treat: oven for pre-heating and stress relieving, post-weld heat treat of shaft ends
- ♦ Blasting cabinet
- ♦ Electronic Maintenance, Repair and Operations (eMRO) machine
- ♦ Steam turbine blade peening (fixed frame)



Weld area.



Machine shop.



Assembly and disassembly/rotor and balancing area.



Elliott Gas Services Saudi Arabia Ltd.

شركة اليوت جاز العربية السعودية للخدمات المحدودة

Elliott Gas Services Saudi Arabia
PO Box 188
Building No. 3123, Unit No. 1
Amara Bin Ahmer Almazini Street
Dammam 34521-7246
Eastern Region
Saudi Arabia
Phone: +966 13 821 8080
www.elliott-turbo.com

