

# Gas Turbine **Rotor** Overhaul Services

Stripdown - Reblading - Rebuild - Balancing



Turbine Services in association with sister company Masood John Brown (MJB) offers a customised workshop facility in Dubai, UAE, which is fully equipped to perform complete gas turbine compressor rotor and power section overhauls for Frame type engines. Staffed and resourced by customer focused engineers with over 700-man years OEM experience, clients can benefit from a comprehensive quality service. All rotors are returned to a zero-hour rated condition with minimal turnaround time.

Situated in modern air-conditioned premises with a floor space of over 2400 m<sup>2</sup>, and with recently installed multiple-rotor balancing equipment, Turbine Services offers a competitive alternative for gas turbine owners and operators. Dedicated rotor overhaul engineers offering knowledgeable advice, experience of commercial operation, and an exstock supply of necessary components and rotating parts, ensure a committed response in returning users' equipment to commercial operation as fast as possible with appropriate documentation and reports.



- Pre-stripdown balance and inspection
- Rotor disassembly
- NDT facilities
- Individual blade and wheel coating
- Latest coating technologies
- Individual wheel balancing
- Rotor re-blade
- Rotor reassembly
- Rotor balance and run-outs
- Rotor storage containers
- Comprehensive customer report

Clients can also take advantage of Turbine Services rotor exchange programme. Turbine Services always has available sufficient new or refurbished components to assemble turbine and compressor rotors for any Frame 5 gas turbine at short notice. Clients are invited to benefit from this service by working closely with Turbine Services and forward planning their overhaul schedules and material requirements. For cost-effective maintenance, clients may consider exchanging their operating rotor for a previously overhauled zero-hour rated rotor which can be pre-delivered to site awaiting the next overhaul commencement.



TURBINE SERVICES is a global provider to owners and operators of industrial gas turbines, offering an employee skill-base in excess of 2,000 man-years of experience in gas turbine maintenance solutions. With our heritage in John Brown Engineering, our primary specialization is in the heavy duty frame range of GE designed gas turbines.

Our business is founded on the strength of our technical and engineering capability, reinforced by our commitment to quality and customer satisfaction that is demonstrated by our accreditations (ISO 9001:2000) and registrations (Achilles, Supply Line, FPAL and Repro).

In addition to our extensive experience, our customers also benefit from the high-tech capabilities of our parent company, Chromalloy. Leading the industry in advanced technology derived from 50 years of aero and industrial gas turbine component experience, we offer state-of-the-art component, repair, coating and manufacturing technologies.



**CHROMALLOY**



Turbine Services is a division of Chromalloy Gas Turbine Corporation with interests in the Aero & Industrial Gas Turbine in the European, Americas, Far East and Pacific Rim market sector. MJB International, with facilities in Dubai and Abu Dhabi is a joint venture company between Al Masaoood, UAE and Turbine Services Ltd, UK providing shared technology to the Middle East, Africa and Indian Sub Continent market sector.

**Services include:**

- Plant operation & maintenance
- Field & engineering support
- Component refurbishment
- Replacement spare parts
- Turbine control systems
- Plant operator training
- Rotor Overhaul
- Condition Monitoring
- Long Term Service Agreements
- Turbine Refurbishment



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