



Gas Turbine Refurbishment

total power generating package overhaul service



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 a complete gas turbine refurbishment service for GE type Frame 3, Frame 5 and Frame 6 gas turbines. Our single-source facility, offering over 700 man years of OEM engineering experience, offers services which include turbine engineering, component repair and replacement, new spare parts, rotor overhaul, gear-box replacement, generator inspection, turbine rewiring, instrumentation and control system upgrade, auxiliaries replacement, and procurement of prefabricated inlet and exhaust systems.



- Full "major" overhaul at MJB Jebel Ali repair facility
- Rotor refurbishment to zero-hour rated condition
- Availability of new and refurbished component parts
- Gear Box inspection and overhaul
- Generator inspection, maintenance and overhaul
- Turbine Re-wiring. Control Panel Upgrade
- Control Cab refurbishment or replacement
- Inlet and exhaust plenum engineering and procurement

In a similar manner to a major overhaul, each turbine can be overhauled to any specification required by a client. In many cases, gas turbines are available overhauled and ex-stock ready for onward sale to power generators. Customers can therefore expect a quality service and rapid turnaround time as turbines are returned to a zero-hour rated condition.

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Situated in modern air-conditioned premises, and with recently installed multiple-rotor balancing equipment, Turbine Services offers a competitive alternative to purchasing new gas turbines on extended lead times. A resident core of field engineers and an exstock supply of rotating parts and components, ensure minimum response time in returning users equipment to service and commercial operation as fast as possible.

Clients can also take advantage of Turbine Services rotor exchange programme. Turbine Services always have available sufficient 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 in forward planning their overhaul schedules and material requirements, and to consider exchanging their operating rotor for a previously zero hour rated rotor which can be pre-delivered to site awaiting the 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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