

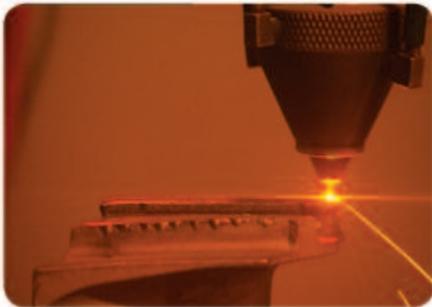
# Component Repair Services



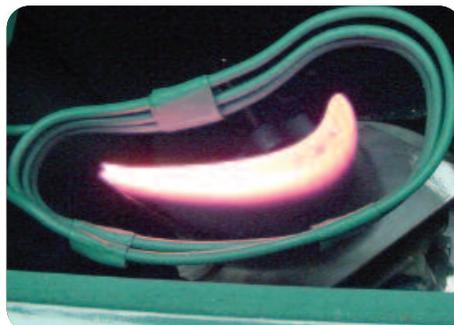
Turbine Services offers access to the most comprehensive independent gas turbine repair service in the world. Backed by the leading edge technologies and capabilities of parent company Chromalloy, Turbine Services has many years experience in repairing and refurbishing all component parts associated with gas turbine and related power equipment.

**Repair facilities/services** include the refurbishment of all hot gas path components including nozzles, buckets, combustion liners, flow sleeves and transition pieces... plus:

- Heat treatment & vacuum furnaces
- Hot retort oven for super alloys
- Super alloy and specialist welding
- Plasma spray thermal barrier coating
- Hard face / protective coatings
- Complete rotor strip down & reblading
- Dynamic balancing equipment Blasting and cleaning
- Fuel nozzle test & flow matching
- Flow divider, pump & valve testing
- Bearings & associated deflectors
- PCB control cards. Metallurgical laboratory
- On-base accessories repair



Turbine Services utilise world class component refurbishment facilities within three regional locations. These are Chromalloy UK, and Turbine Services Thailand.



## Specialised repairs and coatings

For more specialised repairs Turbine Services Limited offers a complete range of high technology repair processes, including many developed by Chromalloy.

- Electron beam physical vapour deposition
- Platinum aluminide coatings
- Low pressure plasma spray coatings
- HVOF coatings
- COC machining
- Pack cementation coatings
- Hot isostatic pressing
- Laser powder welding



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 60 years of aero and industrial gas turbine component experience, we offer state-of-the-art component, repair, coating and manufacturing technologies.

Turbine Services is a division of Chromalloy Gas Turbine Corporation with interests in the global Aero & Industrial Gas Turbine 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



Gas Turbine | Maintenance | Repairs | Spares | Parts

### Turbine Services

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