

# TURBOMACHINERY SERVICES





### SERVICEBENEFITS

- Improved compressor and turbine performance and efficiency
- Expert consultants diagnose performance and reliability issues
- Maximized reliability and availability
- Increased operational safety
- > Streamlined upgrade process
- Global service network with unmatched troubleshooting capabilities
- Rapid response to complex, technical issues

## **SERVICE DESCRIPTION**

John Crane Turbomachinery services provide you with knowledgeable compression train support, to ensure your critical equipment is up and running on time and on budget. Our global team of experts are available for even your most remote locations.

In the 1960s, John Crane pioneered — and patented — the face treatments that enable today's gas seals — a game changer that revolutionized compressor engineering and performance. With that deep experience and process industry history spanning 100 years, our advanced engineering designs and service expertise ensure equipment reliability at the extremes of operational capabilities and in the most challenging industrial environments.

We partner with our customers around the world to implement innovative solutions, including seals; seal support systems and panels; and couplings, plus filtration systems and spare elements that improve processes and equipment reliability. Together with your team, we manage the technology we install in your applications, auditing the performance to increase reliability and maximize uptime.

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Today, our service centers and world-class R&D capabilities span the globe, enabling us to respond quickly to failure investigation, turnaround support, installation and commissioning, and technical issues, anytime, anywhere.

#### Services Include:

#### **Consultancy Services**

Our turbomachinery experts analyze your process and environment via root cause analysis (RCA) and site audit services to recommend engineering solutions that will increase equipment lifespan, reduce total cost of ownership and lower emissions of harmful substances into the atmosphere.

#### **Product Testing Capabilities**

Our international dry gas seal test rigs allow for full dynamic testing under client-specific operating conditions in a wide range of environments. Customers can witness real-time testing data remotely, thereby speeding delivery and reducing average lead times for returning repaired components.

#### Upgrades, Refurbishments and Retrofits

Filtration, dry gas seals and systems and coupling upgrade and refurbishments services, provide proven and reliable support for maintaining critical equipment at maximum capacity and to original specification. Our turn-key solutions handle every aspect from initial review to final connections and tie-ins, including ongoing support.

Together, we will work with you to keep your mission-critical operations up and running with help and guidance from our experienced team, providing first-class dedicated service, consultancy and technical expertise for all turbomachinery applications.

#### Your Name is How We Make Ours



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If the products featured will be used in a potentially dangerous and/or hazardous process, your John Crane representative should be consulted prior to their selection and use. In the interest of continuous development, John Crane Companies reserve the right to alter designs and specifications without prior notice. It is dangerous to smoke while handling products made from PTFE. Old and new PTFE products must not be incinerated. ISO 9001 and ISO 14001 Certified, details available on request.

