

PERFORMANCE PLUS®



RELIABILITY PROGRAMS

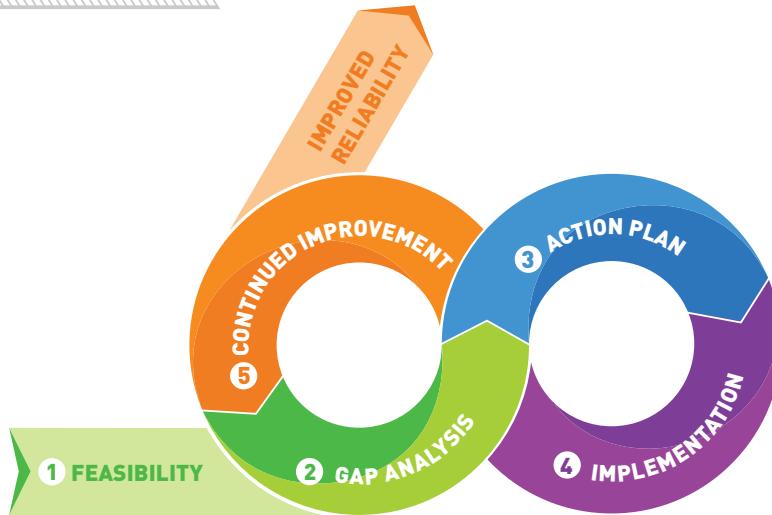


SERVICE BENEFITS

- ▶ Reduction in unplanned maintenance
- ▶ Increased plant availability and output
- ▶ Reduced operating costs
- ▶ Improved inventory management
- ▶ Certified Reliability Engineers (CRE) and reliability technicians on-site
- ▶ Reduced health, safety and environmental risks

SERVICE DESCRIPTION

Since pioneering the field of reliability programs in the 1990s, John Crane today provides focused resource and structured methods to improve maintenance and operational performance across your plant. PERFORMANCE PLUS® Reliability Programs are unique to each plant, based on analysis of equipment performance, work processes, cost of failure and failure causes. Our reliability personnel cover a wide range of rotating equipment and parts, including contacting and dry gas seals, packing, couplings and filtration, to help process industry operations achieve production targets.

OUR COMMITMENT TO YOU**RELIABILITY PROGRAMS**

This suite of expertise and commercial options is packaged into specific reliability programs based on a partnership approach. This structure means that John Crane is driven to implement field services and improvements that:

- reduce your total cost of ownership (TCO)
- increase mean time between repair (MTBR)
- release capital locked up in inventory

Results-driven and individually tailored, each program defines measurable performance targets and customer benefits, assesses equipment reliability, evaluates workforce skills and knowledge, analyzes failure root cause and implements recommended strategies for improvement.

We apply our expertise and best practices to not only improve the performance of equipment, but to impact plant-wide operational enhancements, such as shorter turnarounds and risk reduction objectives.

Our experienced reliability personnel train in-house engineering and operating personnel in the critical skills needed for successful equipment operation, creating long-term relationships to ensure your continued success.

By committing to a custom John Crane reliability program, plants enable in-house maintenance teams to focus on their business goals and continuous improvement initiatives as the demand for reactive maintenance decreases.

Together, we will work with you to keep your mission-critical operations up and running with expertise and guidance from our experienced team.

Your Name is How We Make Ours



North America
United States of America
Tel: 1-847-967-2400
Fax: 1-847-967-3915

Europe
United Kingdom
Tel: 44-1753-224000
Fax: 44-1753-224224

Latin America
Brazil
Tel: 55-11-3371-2500
Fax: 55-11-3371-2599

Middle East & Africa
United Arab Emirates
Tel: 971-481-27800
Fax: 971-488-62830

Asia Pacific
Singapore
Tel: 65-6518-1800
Fax: 65-6518-1803

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.