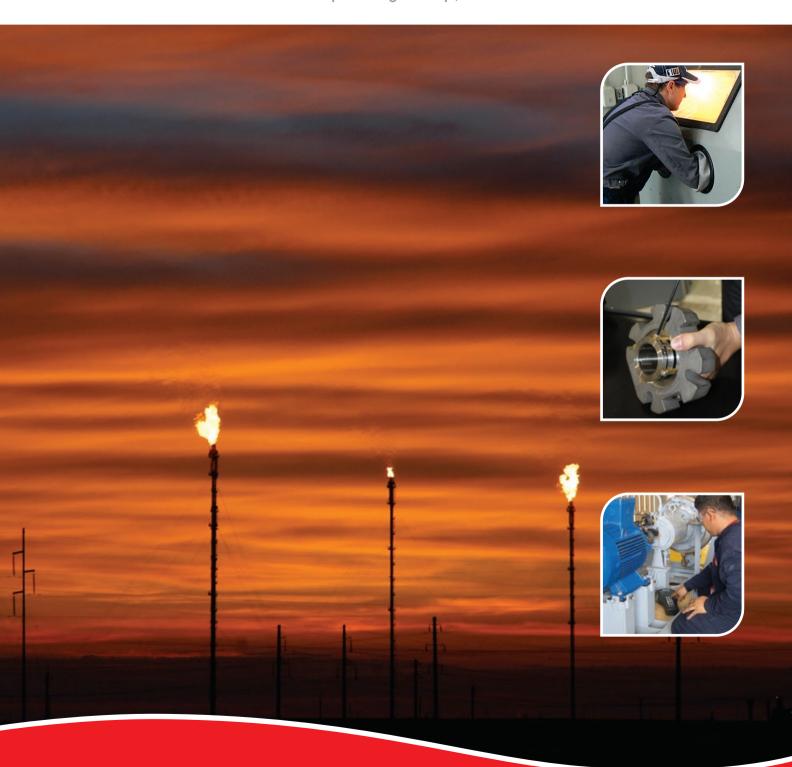


Flowserve Atyrau Quick Response Centre

Expanding Pump, Seal and Valve Sales and Service





Atyrau Quick Response Centre





Building Value and Profitability



The Flowserve Atyrau Quick Response Centre (QRC) is located in the city of Atyrau, Kazakhstan, within the AtyrauNefteMash LLP engineering plant. The QRC is equipped to provide instantaneous maintenance and repair services to all pumps, mechanical seals and valves used in a variety of markets and industries located throughout Central Asia.

Atyrau QRC Capabilities

The Atyrau QRC has the ability to handle Flowserve pump and non-Flowserve pump units in both vertical and horizontal configurations. These pumps can range from submersible to high-pressure multistage double-casing pump units, including reciprocating plunger pumps.

With strong engineering support from the Flowserve European Business Units, the Atyrau QRC possesses the capabilities to service, repair and rejuvenate customer equipment to its original or improved operating performance parameters. This is accomplished by carrying out regular service and maintenance and also by applying the latest advances in hydraulic and mechanical design.

The QRC facility can service and repair mechanical seals within controlled environmental conditions to ensure cleanliness and the highest quality of workmanship possible.

Specific Capabilities

- Equipment management including Life Cycle Advantage[™] programs to reduce the total cost of ownership and improve operating efficiency
- Upfront services such as product selection, installation and commissioning
- Field performance testing
- On-site repairs, laser alignment, technical services and training
- Off-site maintenance and repair services; product overhauls, re-rates and upgrades
- General machine shop services including seal lapping
- Material selection and upgrades including hardening, welding and overlay services
- · Mechanical seal overhauls and hydro-testing



Flowserve engineers and technicians offer experience and tools to help customers optimize plant uptime and control operating, maintenance and other related costs.





Equipment Life Cycle Management

The Flowserve Atyrau QRC partners with customers to optimize management and operation of their rotating equipment. This is accomplished by providing:

- Hydraulic re-rates and upgrades
- · Mechanical upgrades and retrofits
- · Material upgrades
- Analytical and diagnostic services
- · Reliability and energy improvement
- Asset management

Maintenance, Repair and Inspection Services

- Repairs welding, machining, NDE
- Contract maintenance
- Outage and mechanical services
- · Field performance testing
- Field supervision

Parts and Components

- Quick response programs
- Inventory management

Project Services

- Front end engineering and consultancy
- Project management
- Installation and commissioning services





Flowserve Atyrau Quick Response Centre: Expanding Pump, Seal and Valve Sales and Service

Flowserve Corporation

Flowserve Corporation is one of the world's leading providers of fluid motion and control products and services. Operating in 5 countries, the company produces engineered and industrial pumps, seals and valves as well as a range of related flow management services.



Atyrau QRC

Flowserve Kazakhstan LLP 21, Elevatornaya Street, 060004 Atyrau, Kazakhstan Tel.: +7 (7122) 760 040

FPD-1415 (E/A4)

August 2010. ©Flowserve Corporation