

SERVICE.
KEY COMPETENCES

QUALITY

RELIABILITY

AVAILABILITY

EFFICIENCY



JSC REP HOLDING IS A LEADING RUSSIAN POWER MACHINE BUILDING ENTERPRISE, A DESIGNER, MANUFACTURER AND SUPPLIER OF NEW GENERATION POWER MACHINES.

We design, manufacture and provide package supplies of power and electrical equipment for oil & gas, metallurgical and chemical industries, power generation and distribution facilities.

REP Holding incorporates a large industrial enterprise of Saint-Petersburg - Nevskiy Zavod. It provides strong foundation for engineering and production of high quality competitive products. REP Holding also includes its own Engineering Center which carries out R&D activities and innovative development.

Since 2019 REP Holding is incorporated in Gazprom Energoholding Group.

EXCELLENCE

- Scientific and technological capacity, application of unique design and process solutions;
- High capacity production and engineering facilities
- Successful state-of-art foreign technologies localization experience
- Advanced energy-saving turbomachinery production
- Integrated production management system
- Full production cycle from engineering to service
- High reliability and availability of products
- Automated production technologies
- Outstanding environmental performance

PRODUCTS

- New generation gas-pumping units rated at 16, 22/25, 32 MW;
- Steam turbine units rated from 6 up to 25 MW;
- Complete electrically driven gas- pumping units rated at 4,0; 6,3; 10,5; 12,5 MW;
- Centrifugal and axial compressors with a capacity of up to 32 MW;
- Power generating units based on steam and gas turbines with a capacity of up to 32 MW;
- Variable frequency electric drives up to 100 MW;
- Systems for complete integrated automation of industrial facilities.



INTEGRATED SERVICE

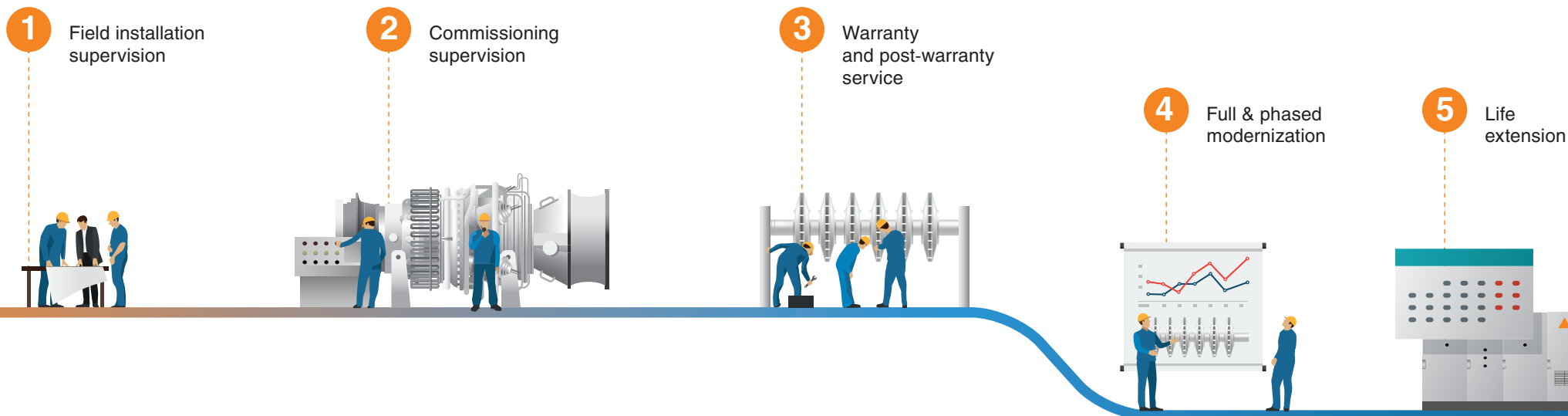
Our company provides full range of services for all our products, including maintenance, overhaul and customer personnel training.

Our service expertise extends to long-term maintenance service of gas-pumping units, power generation plants, steam turbines and compressors.

Integrated maintenance includes warranty and post-warranty service, life extension, equipment modernization for longer MTBF, efficiency and reliability increase.

Dedicated REP Holding business units provide maintenance service and parts supply during lifespan of in-house manufactured and sourced machines. Our company employs highly qualified field service engineers (FSE) to perform pre-commissioning & commissioning operations, warranty and post-warranty service and equipment monitoring throughout the whole life cycle.

Our field service engineers get trained, certified and qualified at foreign partner's production sites on the regular basis.



Integrated engineering support



Equipment lifespan maintenance



Equipment operation monitoring and diagnostics



Overhaul maintenance management



Timely spare parts delivery



Customer personnel training



Certified field service engineers



Local service engineering

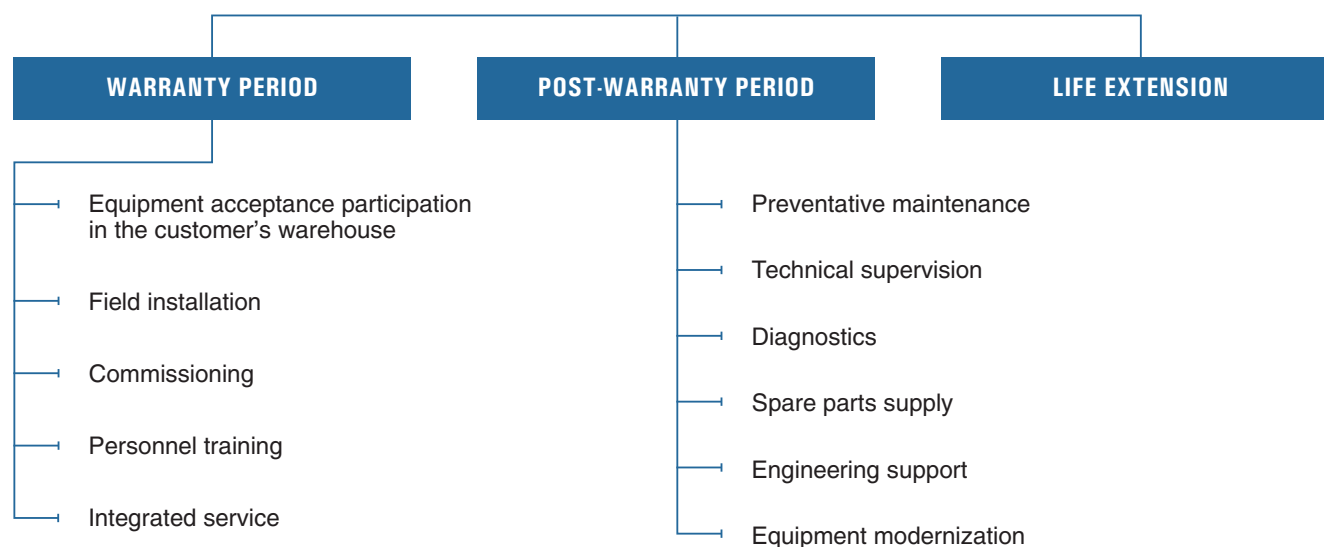
1 High efficiency

2 User friendly

3 Cost reduction

FIELD SERVICE SCOPE PROVIDED BY REP HOLDING INCLUDES THE FOLLOWING ACTIVITIES:

- Pre-commissioning and commissioning supervision
- Maintenance and repair operations scheduling (MRO)
- MRO management and implementation
- FSE urgent call-outs and ensured equipment supplier representatives field presence
- Applicable MRO documents supply
- Equipment, assembly units and parts service life extension and service evaluation
- Spare part kits delivery to the operating companies
- Equipment modernization
- Customer personnel training and technical support



EQUIPMENT MAINTENANCE

1

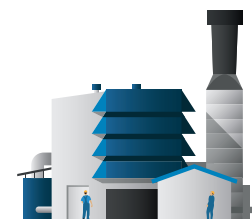
MAINTENANCE AND REPAIRS

- Field and on site maintenance and repairs
- Equipment diagnostics
- Parts delivery



On site maintenance

Gas and steam turbines
 Axial compressor rotors
 Blades and guide vanes
 Combustion chamber components



Field maintenance

Turbine units and parts
 ACS, instrumentation and control, electrical equipment
 Equipment technical condition diagnostics





NUMBER OF EMPLOYED FIELD
SERVICE ENGINEERS

> 70

QUALIFIED MULTI-SKILLED
EXPERTS

2

PARTS AND COMPONENTS

- New parts and components supply
- Repair and supply of parts reconditioned according to manufacturer's standards
- Parts production as per customer specifications
- Service life extension
- On-site parts stock

3

MAINTENANCE PACKAGE

SERVICE CONTRACT SCOPE:

Full maintenance package

- Increased maintenance scope
- Operating personnel training
- Field service engineers on alert to perform routine maintenance and repairs
- Ensured equipment reliability and operational availability

Long-term maintenance package

- Monitoring and diagnostics
- Equipment operation evaluation and monitoring
- Preventative maintenance and repairs
- Corrective maintenance, emergency repairs and reconditioning
- Modernization
- Life extension

Sourced equipment maintenance

- Diagnostics and evaluation
- Service maps development and certificates issuing
- Maintenance
- Spare parts supply
- Repair and modernization
- Commissioning



Excellence

- State-of-art production facilities
- Large-scale in-house spare parts production and equipment maintenance
- Reduced shutdowns by means of package service solutions, state-of art technologies and modern equipment
- Integrated technical support
- Advanced service solutions
- Remote monitoring capability
- Advanced equipment operation monitoring technologies
- Cost reduction through the use of of highly qualified local service engineering, with no foreign experts being engaged.
- Cost reduction and time saving within a long-term service contract implementation
- On-site parts stock management, customer logistics and warehousing costs reduction
- Customized approach to service contracts
- Wide range of Russian manufactured and sourced equipment maintenance experience

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TRAINING AND CONSULTING

Customer personnel training:

- On customer site
- On production site
- Onsite customer support

Services:

- Induction and equipment operation trainings
- Maintenance training
- Equipment operation, maintenance assistance and technical support

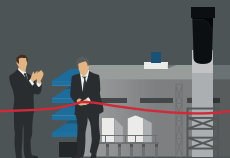


STATE-OF-ART REMOTE
MONITORING TECHNOLOGIES
APPLICATION, ADVANCED
DIAGNOSTICS AND EVALUATION
TECHNIQUES



> 1 000

IMPLEMENTED
PROJECTS



> 100

COMMISSIONED
SITES

> 6 500

MACHINES
IN OPERATION

> 80 %

SUPPLIED MORE THAN
60 YEARS AGO EQUIPMENT HAS
CONSISTENT FILED
OPERATION RECORD

SINCE 2004

> 40

RUSSIAN
REGIONS

> 20

FOREIGN
COUNTRIES

SALES GEOGRAPHY



GAS



OIL



POWER
GENERATION



METALLURGY



CHEMISTRY





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