3rd PARTY SOLUTIONS
Turbine and Compressor Service

MAN | PrimeServ
Understanding ourselves as a solution provider, we at MAN PrimeServ provide you reliable support and outstanding technical expertise to ensure operational availability of your turbomachinery – irrespective of its type and age. Our service solutions include spare parts, engineering, maintenance and repairs, field service support, and individual consulting. Tailor-made service solutions keep your equipment up-to-date and at optimal levels of reliability and economic efficiency, thus reducing the total cost of ownership. Based on our experience as manufacturer of compressors, steam turbines, gas turbines, and expanders we develop the best solution for your equipment always using the same standards and providing the same quality as for our OEM business, numerous reference project with equipment of all major OEMs furnishing evidence of our competence.

Check out our 3rd party solutions references:
www.primeserv.man.eu/3rd_Party_References
QUALITY WITHOUT COMPROMISE
OEM Competency

Acting as single point of contact, MAN PrimeServ offers you the reliable supply of all spare parts you need throughout the entire service life of your turbomachinery. Being an Original Equipment Manufacturer (OEM), all spare parts are produced using the very latest in technology and ongoing research to back continuous design and material changes. For reverse engineering, we have full access to all our resources and manufacturing capabilities including our engineering departments, optical 3D measurement, and blade manufacturing. Backing our spare part sales, we offer supplementary services to streamline availability, storage and maintenance of spare parts.

- Reverse engineering
- Spare parts manufacturing
- Improved material and design
- Customer storage and rotor care center
- Spare parts concepts
NEW ENERGY FOR YOUR EQUIPMENT
Extending service life

Our network of service centers offers the very best in maintenance and repair, with technical expertise through a comprehensive range of services, including anything from individual component repairs and refurbishments to full overhauls, testing and inspections, or complex repairs including quick response and high flexibility in case of unplanned outages or emergency situations. By implementing technical improvements in material and design we help to extend the service life of the equipment and to cut operating costs. Using advanced technologies, our experts efficiently undertake the maintenance and major repair of industrial compressors, steam turbines, expanders, gas turbines, and gear wheel sets, testing and confirming performance levels before returning equipment to duty. Besides extensive processing facilities our manufacturing and repair capabilities include optical 3D measurement, certified material testing laboratory, laser welding, high-speed balancing, and test-bed facilities.

- Complex overhauls and repairs
- Component repair and refurbishment
- Inspection and testing facilities
- Implementation of technical improvements
- Comprehensive processing facilities
SOLUTION ORIENTATION
Optimizing reliability and efficiency

At MAN PrimeServ we are focused on helping you to achieve the best in keeping downtime to a minimum, improving efficiency and cost-effective operation, while keeping a keen eye on emissions and their effective reduction. Our revamp and modernization concepts involve not only the core machine itself, but also the auxiliary systems, gearboxes, instruments, and controls your equipment requires. We offer advanced modernization solutions to optimize the sustainability of your equipment. What’s more, our modernization solutions are tailor-made for your specific machinery. Drawing on our OEM experience and know-how, we are able to redesign or modify existing equipment to optimize its power output and efficiency following a detailed engineering study. To do so we install new parts, designed to match the new operation requirements. Our footprint solutions for your vintage turbomachinery allow the modernization of your compressor or turbine with minimum process piping and foundation modifications. The end result, with its improved design and material, is more efficient, with reduced energy consumption and emissions, while streamlining maintenance intervals, thus reducing total cost of ownership of your equipment. And thanks to our continuous development programs, our holistic solutions help you to keep your equipment consistently up to date.

- Revamps
- Footprint solutions
- Instruments & controls retrofits
- System modernizations
- Emission reduction
Maintaining operational availability

Inspections by our field service experts are invaluable, not only for assessing the condition of your machinery, pinpointing possible causes for wear and areas for improvement, but also for analyzing breakdown situations and resulting repair requirements, including tools, materials and labor. Our field service is at hand to secure the effective return to operation of your equipment, whatever the scenario and whatever your location. Our inspections enable the regular determination of your equipment’s condition, facilitating the early detection of maintenance requirements, and the planning of corrective maintenance measures. Through the recommendations of our experienced engineers, advising on future operation and maintenance, plant reliability and availability are improved, avoiding unscheduled downtimes.

- Periodic inspections, revisions and condition assessments
- On-site troubleshooting support
- Repair and modernization work
- Provision of supervisory staff
- Operation and maintenance support
Development of comprehensive solutions

Our approach is comprehensive: along with in-depth technical consultancy on operation and maintenance, our detailed engineering studies help us to examine your processes and machinery in search of potential improvements. On hand with 24 hours telephone support, the implementation of our intelligent remote diagnostic system irds® and our engineering and consultancy services support the proper function of your equipment, keeping or returning it to efficient, cost-effective operation by implementing appropriate technical measures together with corresponding administrative, managerial and supervisorial actions. New digital services as enhanced monitoring and machine analytics are set to lead the way to further optimizing machine reliability and efficiency.

- Comprehensive technical consultancy
- Remote service support
- Engineering studies
- Digital service solutions
- Operation and maintenance trainings
MAN PrimeServ

Represented in all key markets and major ports, with a network of more than 100 service centers, and with skilled field service managers at the ready to provide first-class technical support, MAN PrimeServ is fully primed to provide 24/7 service, wherever you are. In power plants, marine engines & systems and turbomachinery, offering reliable technical support when you need it most, our service solutions include OEM spare parts, engine and machinery maintenance and repairs, customized service agreements and individual consulting.

For existing equipment our holistic retrofit and modernization solutions keep your engines or turbochargers up-to-date and at optimal levels of reliability, availability and economic efficiency. Through cutting edge digital technology we’re able to hike performance and minimize downtimes, while our remote connections enable live data analysis, ensuring quick, effective solutions. MAN PrimeServ Academies provide expert training courses around the world, developing the operational and maintenance skills required.

For more information please visit: primeserv.man.eu
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