

Vibration & Reliability Services Division



Overview

Torishima Service Solutions delivers specialist Vibration & Reliability services to maximise the performance and extend the lifespan of rotating machinery.

With strategically located service hubs across the Middle East, we deliver advanced engineering solutions tailored to complex pump operations.

Our services range from routine health checks to cutting-edge diagnostics and tailored service packages, enabling our clients to:

- Improve operational efficiency
- Reduce unplanned downtime
- Extend equipment life
- Optimise maintenance costs



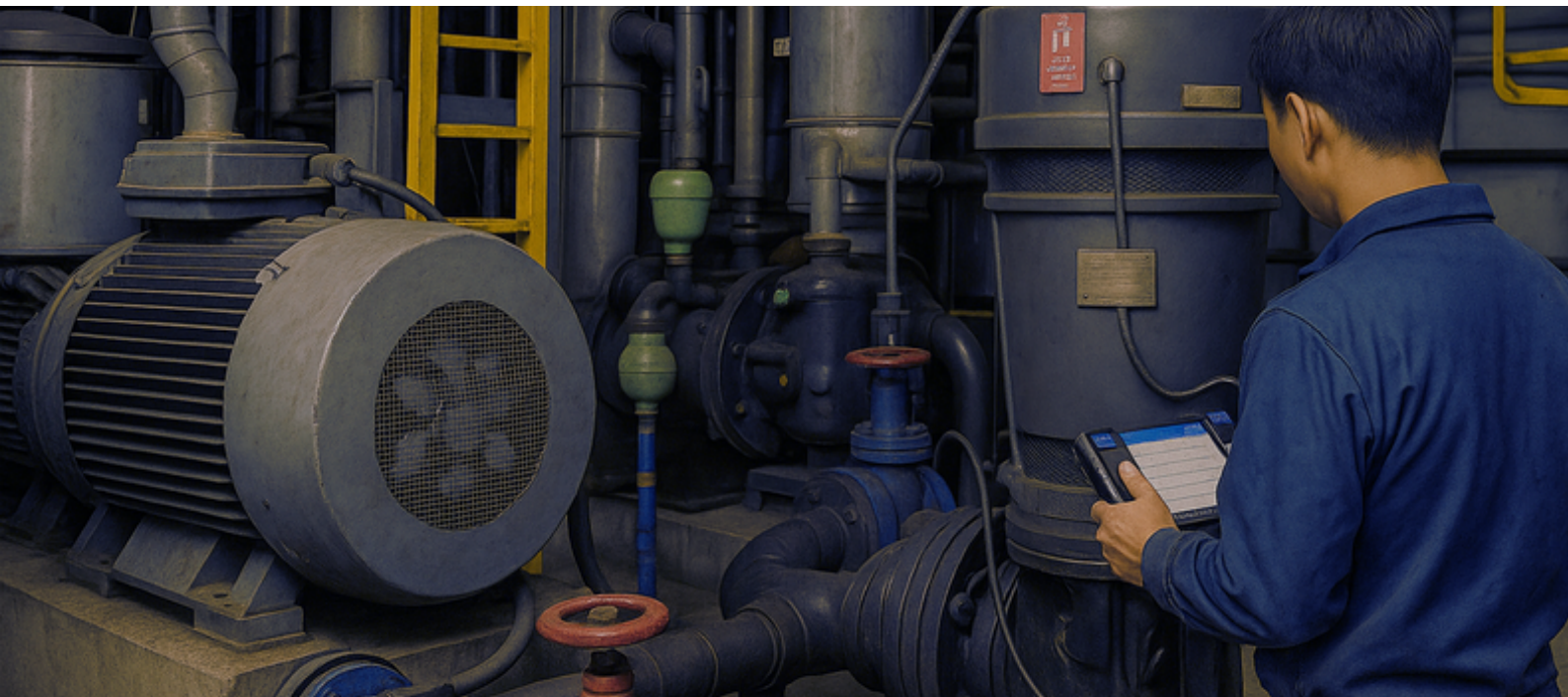
Our Services

Our Vibration & Reliability Service Division is built to ensure maximum uptime and performance for rotating machinery.

Core Capabilities:

- Health checks
- Performance checks
- Vibration testing
- Condition monitoring

From on-site assessments to advanced diagnostics, we are committed to delivering solutions that keep your equipment running at its best - safely, efficiently, and reliably.



Advanced Diagnostics

Our advanced diagnostic services are designed to detect and resolve mechanical issues before they impact operations, ensuring efficiency and cost savings.

We address:

- Bearing defects – early fault detection prevents failures
- Imbalance & misalignment – corrected to protect rotors and shafts
- Shaft & structural Issues – solutions for bent shafts, looseness, and resonance
- Bearing & component integrity – corrosion prevention and secure assembly
- Flow & performance stability – optimisation through vane probing and fault correction
- Cavitation & lubrication – safeguarding pumps from damage
- Wear & tear – proactive measures against misalignment and gear wear



Service Packages

Choose the package that matches your operational needs and maintenance goals.

Bronze: Essential monitoring for baseline reliability

- General health check
- Vibration & temperature measurement
- Spectrum analysis
- Basic report with recommendations

Silver: In-depth diagnostics and performance benchmarking

- Detailed health check
- Vibration, temperature, flow & pressure measurement
- Spectrum analysis
- Current performance position & operating curve
- Advanced report with recommendation

Gold: Complete performance optimisation and ROI planning

- Comprehensive condition monitoring & performance enhancement
- Vibration, temperature, flow, pressure & power consumption measurement
- Spectrum analysis
- Current performance position & operating curve
- Upgrade engineering study & ROI analysis (payback)
- Fully engineered solutions with recommendations



Driving Industrial Evolution

Our History

Torishima Service Solutions operates as a subsidiary of Torishima Pump Manufacturing Co. Ltd, founded in 1919, Osaka, Japan. We have service centres across: Japan, Europe, Asia, Australia, USA and the Middle East

Renowned for our expertise, we provide world-class engineering solutions, specialising in pumps and rotating machinery, oilfield equipment, dewatering pumpsets, chemical injection and dosing packages and API & non-API centrifugal pump packages throughout the Middle East.

Our Vision

To deliver world-class service solutions that maximise the life span and efficiency of plant equipment - powered by teamwork, professionalism, and innovation.

Contact us - ME

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