MeasconTech®

SMART Monitoring...

An ISO 9001 : 2015 Certified Company



COMPANY PROFILE

MEASCON TECHNOLOGIES PVT. LTD

www.measconteh.com

SK CREATIVE WORKS

ABOUT US

Meascon Technologies Pvt Ltd is a technology-driven company established in 2021 by a team of industry experts with over five decades of combined experience in industrial reliability and maintenance solutions.

We specialize in SMART Monitoring Solutions, Industrial Internet of Things (IIoT), condition monitoring, machine diagnostics, and turbo machinery services. Our expertise includes turbo machinery overhauling, compressor and fan overhaul and repairs, spares supply, reverse engineering of machinery components, and workshop balancing and repair services.

By combining advanced technologies with practical engineering expertise, we deliver integrated solutions that enhance equipment reliability, optimize asset performance, and improve operational efficiency across industries.



OUR VISION

To be a trusted partner in enhancing industrial asset reliability through advanced technologies and innovative solutions.

OUR MISSION

To deliver SMART monitoring and engineering solutions that improve machine reliability, optimize performance and minimize downtime.

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OUR CORE VALUES

Driven by innovation, built on integrity and guided by technical excellence, we are committed to delivering reliable solutions, customer satisfaction and continuous improvement in everything we do.



INNOVATION — Embracing advanced technologies to deliver smarter industrial solutions.

RELIABILITY — Building dependable solutions that strengthen equipment and operational performance

TECHNICAL EXCELLENCE — Applying engineering expertise, precision and continuous improvement in everything we do.

CUSTOMER COMMITMENT — Understanding customer needs and delivering solutions that create lasting value.

INTEGRITY — Maintaining transparency, trust and professionalism in every partnership.

CONTINUOUS IMPROVEMENT — Encouraging learning, innovation and development to meet evolving industrial challenges.

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OUR SOLUTIONS

We offer an integrated portfolio of engineering and technology solutions designed to address modern industrial reliability challenges.

Our core solutions include:

IIOT SOLUTIONS
Industrial automation and digitization solutions for connected operations, real-time monitoring and smarter decision-making.

CONDITION MONITORING SOLUTIONS
Online and offline monitoring solutions to assess machine health, detect faults and minimize unexpected downtime.

SENSORS FOR MACHINE RELIABILITY
Advanced sensors and accessories for accurate machine condition measurement and reliable performance monitoring.

MACHINE DIAGNOSTIC SERVICES
Specialized diagnostic services to identify machinery faults, assess equipment health and improve operational reliability.

TURBO MACHINERY SERVICES
Expert overhauling, reconditioning, balancing and maintenance services for turbines and critical rotating equipment.



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INDUSTRY 4.0 & SMART TECHNOLOGIES

Industry 4.0 is redefining industrial operations through intelligent automation, connected devices and real-time data monitoring.

Meascon Technologies supports this transformation by providing SMART monitoring solutions that enable industries to make informed maintenance decisions.

Key Advantages:

- SMART sensors for improved machine reliability.
- Reduction of human errors through automated monitoring.
- Increased operational efficiency and productivity.
- Reduced maintenance costs, saving both time and money.
- Improved quality control and maintenance practices.
- Better visibility into equipment health and performance.

Integrated Asset Health Ecosystem

Our IIoT solutions provide a fully integrated asset health ecosystem accessible through:

- Windows-based applications.
- Cloud-based monitoring platforms.
- Mobile applications.



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CONDITION MONITORING SOLUTIONS

Effective condition monitoring plays a vital role in identifying potential equipment problems before they develop into major failures.

We provide comprehensive online and offline condition monitoring solutions to support industrial maintenance requirements.

Online Monitoring Solutions

- Real-time continuous monitoring and diagnostics.
- Wired and wireless diagnostic systems.
- Remote diagnostics and monitoring.

Offline Monitoring Solutions

- Basic vibration meters.
- Vibration analyzers and balancing equipment.
- Instant Machine Health Checker.



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SENSORS FOR MACHINE RELIABILITY

Accurate measurement is essential for effective condition monitoring and machinery diagnostics.

We offer a range of sensor technologies and supporting components designed for industrial machine reliability applications.

Our Product Range

- Accelerometers.
- Real-time oil condition sensors.
- Piezo-velocity sensors and cables.
- Proximity probes.
- Connectors and cables.
- Junction boxes.



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MACHINE DIAGNOSTIC & FIELD SERVICES

Our diagnostic services focus on identifying machinery problems, evaluating equipment condition and supporting effective maintenance decisions.

Services We Offer

- Vibration Analysis.
- In-Situ Dynamic Balancing.
- Laser Alignment.
- Non-Destructive Testing (NDT) Services.
- Thermography Services.
- Oil & Wear Debris Analysis.
- Motor Current Signature Analysis.
- Ultrasound Inspection.
- Turbo Machinery Overhauling.
- Compressor & Fan Overhaul and Repair Services.
- Supply of Spares & Reverse Engineering of Turbo Machinery Components.
- Workshop Balancing & Repair Services.



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TURBO MACHINERY SERVICES

Meascon Technologies provides comprehensive turbo machinery services covering overhauling, reconditioning, installation, balancing and maintenance of critical rotating equipment.

Our team brings extensive project execution experience across a wide range of power generation and industrial applications.

Project Experience

Experience in executing projects ranging from **0.25 MW to 660 MW TG Sets**.

Our Turbo Machinery Capabilities

- Turbine overhauling up to 660 MW.
- Overhauling and installation of turbines and generators.
- Compressor, blower, fan and pump overhauling and installation.
- Workshop balancing services.
- Reconditioning, erection and commissioning of power plants.
- Troubleshooting of turbine operational and maintenance issues.
- Specialized field services.
- Supply of spares and reverse engineering of turbo machinery components.

Our Strengths

Extensive experience in machinery maintenance and overhauls.	Skilled and experienced technical manpower.	Advanced tools, tackles, and precision measuring instruments	Commitment to on-time project completion.



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WORKSHOP BALANCING & REPAIR SERVICES

We provide workshop balancing and repair services for rotating equipment, supported by appropriate tools, tackles and measuring instruments.

Our capabilities include:

- Workshop balancing.
- Rotating equipment repair.
- Machinery component reconditioning.
- Technical inspection and maintenance support.



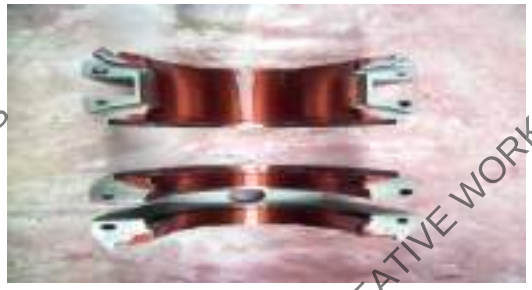
SPARES & REVERSE ENGINEERING

We support industrial machinery requirements through the supply of spares and reverse engineering of turbo machinery components.

Our services focus on supporting machinery maintenance, component requirements and equipment restoration through practical engineering capabilities.









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WHY MEASCON TECHNOLOGIES?

With over five decades of combined industry experience, we deliver integrated reliability solutions backed by advanced technologies and engineering expertise.

Our commitment to quality, timely execution and customer satisfaction makes us a dependable partner in enhancing machine reliability and industrial performance.

01

EXPERIENCE

Over five decades of combined industry experience within our founding and technical team.

02

TECHNOLOGY

SMART monitoring, IIoT and advanced machine reliability solutions.

03

TECHNICAL EXPERTISE

Specialized capabilities in machinery diagnostics, condition monitoring and turbo machinery services.

04

EXECUTION CAPABILITY

Experience in projects ranging from 0.25 MW to 660 MW TG sets.

05

COMMITMENT

Dedicated manpower, appropriate equipment and a commitment to agreed project timelines.

06

INTEGRATED SOLUTIONS

A comprehensive range of services covering monitoring, diagnostics, maintenance, overhauling and technical training.

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OUR CLIENTS

Measconn Technologies serves customers across diverse industrial sectors.

Our original company profile features customer references from leading organizations across various industries, reflecting our involvement in industrial maintenance, machinery services and reliability solutions.

We value every customer relationship and remain committed to delivering dependable technical support and engineering services.



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