



# Services

## You can rely on us to also look after the detail

When uptime is important to you, when the availability of pumps fans and gearboxes is a necessity for your business, then individual diagnostic field services are a must. This is the only way to avoid downtimes and failures, improve effectiveness and to plan, manage and control industrial processes. Vogelsang is ideally equipped to provide you with customised field diagnostic services you require.

### Services:

- Mobile and stationary data recording
- Maintenance and maintenance management based on condition
- Creation of equipment databases
- Data updating and maintenance optimisation
- Evaluation and analysis

### Assessment of condition of:

- Electrical machines
- Pumps, fans
- Gearboxes
- Switching equipment

### Data recording and evaluation:

- Offline and online measurements
- Long-term condition monitoring
- Remote communication and operation
- Remote monitoring



## The Vogelsang range of on-site services

### We get to the bottom of things:

Assessment of the state of equipment based on measurements

- Machine vibrations Diagnostics
- Bearing condition analysis
- Frequency analysis
- Volumetric flow measurements
- Wall thickness measurements
- Thermographic investigations
- Endoscopic inspections
- Testing according to VDE, BGV, etc.



### We get things straight:

Machine geometry is vital for your everyday manufacturing

- Laser-optical alignment of machine groupings
- Straightness and parallelity of guilds
- Parallelism of Rolls
- Flatness of presses foundations and beds



### We make reliable assessments:

We assess and plan capacity for pumps and pumping stations:

- Recording and comparison of SET/ACTUAL characteristic curve
- Determination of efficiency rating and optimisation
- Optimisation of operating states

### We advise you fairly and on equal terms:

We both pursue the same goal: to achieve reliable, sustainable and cost-effective production through strategic evaluation and monitoring of your equipment.

- Consulting and support for maintenance projects
- Introduction of condition based maintenance techniques
- Continuous monitoring of vibration and bearings condition for your rotating machinery
- Diagnosis and analysis of the operating machine condition
- Installation of permanent monitoring systems for optimised maintenance planning
- Training on the subject of machine diagnosis and maintenance

## Further areas of work:

- Motors and generators
- Transformers, special coils & magnets
- Pumps & pumping stations
- Fans
- Mechanical components
- V + A service for combustion engines, stationary and on ships

### 24-hour service

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