PRUFTECHNIK ServiceCenter

Online Monitoring of Machines
Including customer-specific reports

- NV GL certified remote monitoring and diagnosis
- Early detection of machine defects
- Performance monitoring
- FMEA and KPI based remote monitoring

REMOTE MONITORING AND DIAGNOSIS WITHOUT TRAVELING OF SPECIALISTS
PRUFTECHNIK’s Monitoring-Center is part of the ServiceCenter and monitors machines, plants and nearly 2000 wind turbines. The turbine monitoring is an FMEA-based states diagnosis (Failure Mode and Effect Analysis). ISO CAT certified specialists are perform monitoring and diagnosis: for turbine monitoring team is specialists are ISO CAT I certified. Diagnosis specialists are certified with ICSO CAT II, III and even ISO CAT IV.

Additionally to monitoring and diagnosis, the Monitoring-Center provides different types of customer-specific reports.

The provided types are basic-reports, advanced-reports and diagnosis reports on demand. Depending on the turbine type, recommended are half-year, quarterly and monthly reports. Being close to our customers is the highest priority of PRUFTECHNIK and this is why our Monitoring-Center specialists present the reports, the diagnosis results and maintenance strategies during video conferences. It is also possible to save the live-presentation for our customers’ review.

Three reporting packages are available

1. **Basic Report**
   - Information about CMS- and communication status
   - Information about status of single components
   - Information about complete park status
   - Cloud-based data storage

2. **Advanced Report**
   - Documentation of running and operation behavior
   - Documentation of vibration behavior
   - Individual reporting
   - Recommendations for corrections

3. **Diagnose-Report with Remote Mentoring**
   - Video conferences presenting diagnosis methods and results
   - Precise rating and diagnosis including documentation
   - Substantial reporting
   - Specifying corrections

**Transparency means Trust**

Partner, customer and other vibration specialists are able to have an insight into the Monitoring-Center’s working procedures. In addition, acceptance reports are possible and are charged on hourly basis.