



CONDITION MONITORING
& SERVICE

b.b.m.
Maintenance Partner 

Condition Monitoring & Service

The C.M.S. is a predictive maintenance program that aims to significantly increase productive capabilities by combining both strong and cogent sectoral knowledge and the availability of cutting-edge solutions by SKF, thus reducing the risk of halt of economic resources. CONDITION MONITORING tasks such as the vibration analysis represent the key points of the predictive maintenance program, allowing the user to collect valuable data about the criticality and nature of any issue. Once the Condition Monitoring tasks have been carried out, the SERVICE broadens out in two steps: ANALYSIS and INTERVENTION.



Benefits



To limit shutdowns and production losses



To reduce the costs and warehouse stockings of spare parts



To avoid chain-reaction damages to other plants



To improve production quality



To extend the lifecycle of the machinery



To optimise the human resources availability



To plan maintenance service interventions



To increase security of both plant and personnel

Equipment

Nikon



SKF



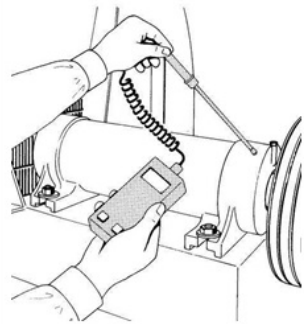
db PRÜFTECHNIK



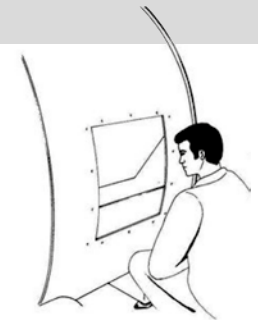
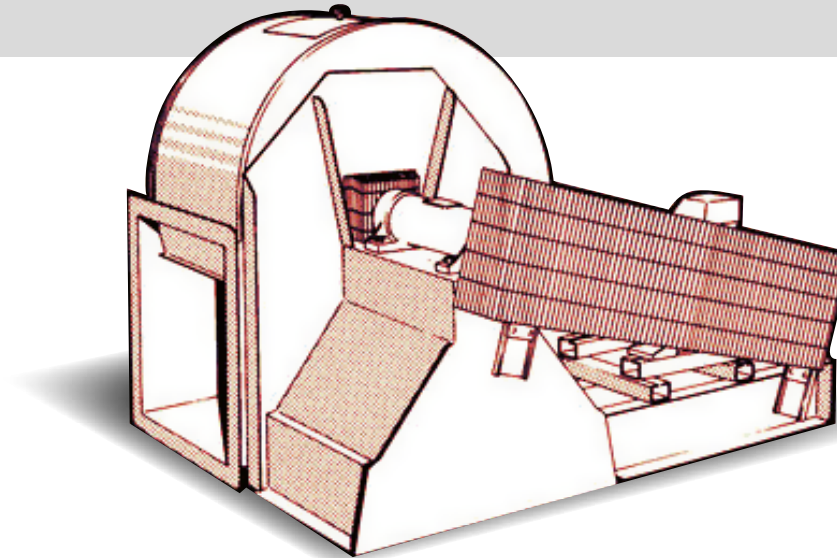
Analysis

Intervention

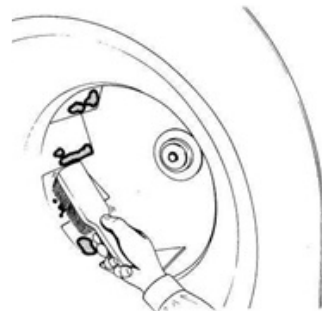
- Report of the intervention and logistics optimisation
- Scheduling of programs and intervention procedures
- Classification of priorities
- Optimisation of stocks and spare parts logistics
- Root cause analysis
- Post-maintenance testing to evaluate the effectiveness of the applied settings



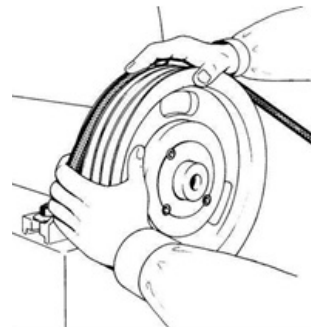
1. Gathering of vibration data



6. Balancing



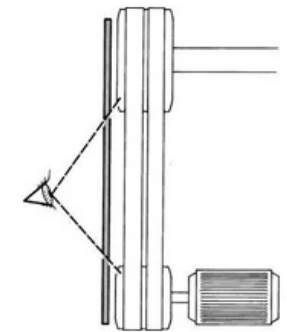
2. Cleaning of the impellers



3. Transmission change



4. Tension adjustments



5. Alignment



Equipment

Spare parts



SIEMENS



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