



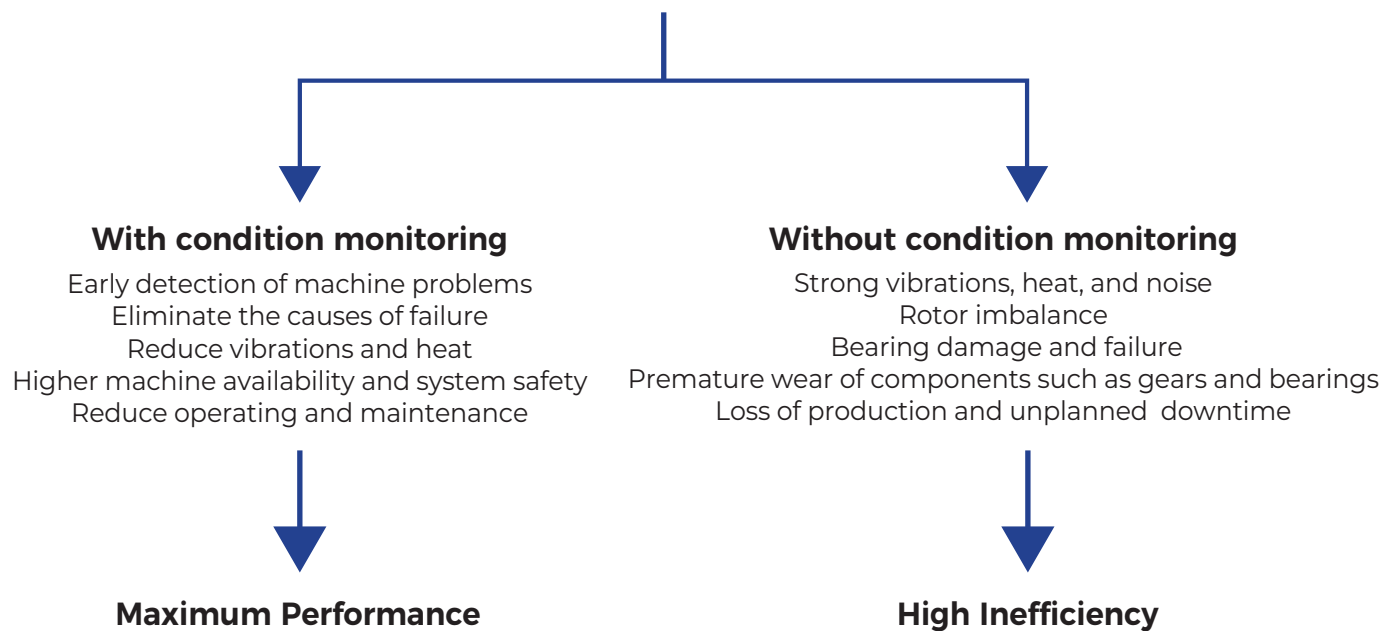
CONDITION MONITORING SERVICES (CMS)

Every machinery requires thorough maintenance and foresightedness for high efficiency. Condition Monitoring is a trusted perspective technique at NBC to predict potential failures to improve asset reliability.

NBC provides intelligent solutions for Condition Monitoring to:

- Improve efficiency
- Reduce downtime and maintenance cost
- Boost productivity
- Increase the lifespan of machinery
- Increase the assets' reliability

Condition Monitoring: Why it is important



Applications

- Fan and Blower
- Motor
- Pump and Compressor
- Gearbox
- Paper Mills
- Textile Mills



NBC offers



Vibration monitoring & analysis

- Route based data collection
- Troubleshooting
- One and Two plane field balancing



Lubricant Analysis

- Fluid properties analysis
- Contamination check
- Wear debris estimation



Laser shaft alignment

- Solve misalignment problems like horizontal, vertical, rotatable, non-rotatable, cardon, coupled or uncoupled, etc.
- Precision alignment to save direct and indirect operation and maintenance losses.



Thermography

- Temperature detection through infrared emission
- Leakage detection
- Inspection of bearing health, shaft and sheave misalignment, and other mechanical faults



Dynamic balancing

- 1 plane balancing
- 2 plane balancing



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