



IMMUSCO

WIRELESS VIBRATION MONITORING

“Missing out on valuable data from critical points is not an option for wireless monitoring systems.”

ASSET RELIABILITY

The age of technological revolution and fast paced industrial development demands performances that are competitive as well as guaranteed. Survival of a business in an inflating consumer market is only possible by ensuring a reliable and safe industrial operation. Modern age concept of reliability encompasses both the operations as well as the machinery involved. Every value adding equipment in any supply chain or a process is considered as a significant asset of a business model, and thus the integrity of these assets is essential for a profitable venture.

VIBRATION DIAGNOSTICS

Over the years vibration monitoring and trending has evolved as a prominent source of condition monitoring and fault diagnosis. Every rotating and reciprocating machinery is studied for its baseline acceptable vibration limits upon commissioning and then trended over standard deviations measured in a scheduled vibration data acquisition and monitoring. Plant maintenance activities shift from preventive to proactive by timely addressing the vibration diagnostics, and thus enabling a reliable operation.

Remote Condition Monitoring

Complete Package of Services

- Analyze
- Measurement Configuration
- Alarm



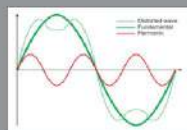
Certified Engineer Analysis

Analysis made by Mobius certified Level-II & Level-III Engineers.



High Diagnostic Capabilities

- Good Vibration Monitoring
- High Quality Spectrum
- Low Noise



Plug & Play

- Very Simple Setup
- No Cable at all
- Increased Security



Vibration Spectrum & Values Availability

Import/export vibration data from anywhere.



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WIRELESS VIBRATION

A successful vibration based condition monitoring program requires data acquisition which is safer, repeatable and accurate. Many complexly designed critical machineries make the process of vibration monitoring quite troublesome and challenging due to physically inaccessible measurement locations.

IMMUSCO's wireless vibration monitoring solutions enable the diagnosis of such assets guaranteed and convenient. Wireless vibration goes a step ahead in diagnostics capabilities by allowing analysts to remotely monitor the data and promptly planning decisive maintenance and repair schedule.

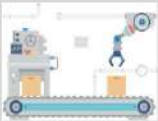
Health Prediction



Wireless monitoring capabilities enable end users to make better judgements about the equipment health status and also verifying the data remotely by external expert analysts for accurate and efficient diagnosis. Inspection becomes easier and viable when the data is readily available and accessible.



Machinery Protection



Wireless vibration data could be trended and alarm protection limits could be set up in conjunction with programmable relays, that enable machinery protection and trip limits in the event of abnormally high trending values. With the help of wireless monitoring, protection parameter setup in a governing control software could be altered and readily adjusted.



Remotely Accessible



Capabilities of remote accessibility saves enough time and manpower by avoiding routine visits on the site to capture vibration data via portable handheld analyzers. Apart from the resources utilization, the data repeatability plays a pivotal role in establishing a higher benchmark for wireless monitoring systems.



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