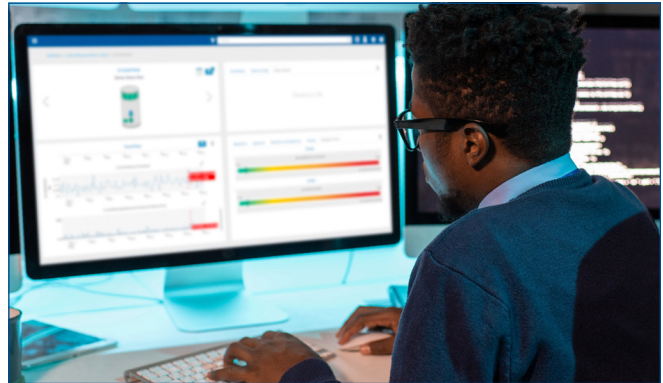


AMS Condition Monitoring Service

- Utilize AMS Machine Works software and AMS Wireless Vibration Monitor
- Gain insight into developing issues
- Reduce operations and maintenance costs
- Experts providing data and insights on a regular cadence
- Tailor a program to support your needs



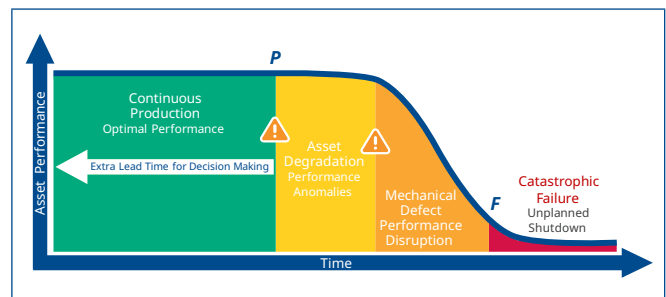
Maintain the peak performance of your rotating machines with Emerson's AMS Condition Monitoring Service.

Introduction

To help you get the most out of our analytics software and solutions like AMS Machine Works and AMS Wireless Vibration Monitors, our AMS Condition Monitoring Service is designed to take on the heavy lifting of building a comprehensive monitoring strategy. While many companies recognize the benefits of a vibration analysis program, they may not have the resources, or the skill set to have a fully successful in-house program.

Utilizing AMS Machine Works and AMS Wireless Vibration Monitors through an Emerson Cloud Hosted Solution, or a customer-hosted installation, Emerson's highly skilled certified analysts, led by ISO certified Category IV analyst, can provide remote condition monitoring of your critical plant assets. This core team can serve as machinery monitoring support and supplement plant programs by offering easy-to-read, actionable reports pulled from monitored data. The service lets personnel focus on corrective action rather than learning analysis technology.

With the AMS Condition Monitoring Service, you can access insights before significant disruption, reduce operation and maintenance costs and connect to certified experts. As our Emerson analysts are Vibration Analysis ISO certified with extensive product training, save time knowing industry experts can now be part of your core team.



P-F Curve showing Potential and Functional points of failure over time.

Benefits

Gain Insight into Developing Issues: You need to focus on your plant's process to make money. We have experience with Oil & Gas, Lifesciences, Chemical, Pulp & Paper, Refineries, Mining, Food & Beverage, Power & Water, and the associated assets in each of these industries. Let our experts give you the insight you need into developing machinery problems that can lead to downtime.

Reduced Operations and Maintenance Costs: Maintaining a high level of machinery health is essential to high performance plant operations. The ROI for any Machinery Health program is directly related to accurate and timely equipment health assessments. Emerson, with field-proven experience, has demonstrated the value of the Condition Monitoring program to many customers with its best-in-class offering.

Emerson Informed Analysis: Emerson maintains a team of trained ISO certified Category III and IV professional analysts, led by ISO certified Category IV analyst, who reviews all analysis reports prior to delivery to the customer. The analysis is centralized, consistent, and process driven. This allows you to focus on corrective action, rather than learning analysis technology. There is no need for the high cost associated with maintaining certified vibration analysts on site.

A Program to Support your Needs: Emerson's AMS Condition Monitoring Service can supplement your existing inhouse program, or we can completely manage your asset condition monitoring program. We can also monitor the health of your condition monitoring system to give you a complete picture of your asset reliability.

Service Description

The AMS Condition Monitoring Service includes 4 steps shared between you and Emerson experts.

1. **Optimize Database** - Correct system configuration is critical to ensuring accurate diagnosis. Emerson Analysts can first make sure the correct information is in place.
2. **Collect & Analyze** - Our certified experts take on the heavy lifting as we verify collection schedules, sensor configurations, and then review all collected data.
3. **Actionable Reports** - Emerson Analysts will provide analysis reports through Machine Journal Application. The reports will identify any corrective actions required to prevent equipment damage or lost production.
4. **Build Out a Plan** - Our leading experts will review findings with the customer and provide recommended actions and ways to prevent future mechanical failures or process disruptions.

Service Deliverables

Customer's Requirements	Committed Deliverables	Optional Deliverables
Number of Assets Types of Assets (motor, pump, etc.)	Database Optimization Monthly detailed analysis reporting Weekly review of AMS Machine Works Dashboard Customer review meeting	AMS Machine Works Expert Configuration On site corrective actions

Ordering Information

To learn more about how AMS Condition Monitoring Service can improve reliability and safety in your facility, please contact your local Emerson salesperson.

Condition Monitoring Services

Description	Part Number
Condition Monitoring Service - 1 Year for 33 Assets	MHM-SRVC-CONMOM33
Condition Monitoring Service - 1 Year for 50 Assets	MHM-SRVC-CONMOM50
Condition Monitoring Service - 1 Year for 67 Assets	MHM-SRVC-CONMOM67
Condition Monitoring Service - 1 Year for 100 Assets	MHM-SRVC-CONMOM100
Condition Monitoring Service - 1 Year for 150 Assets	MHM-SRVC-CONMOM150
Condition Monitoring Service - 1 Year for 200 Assets	MHM-SRVC-CONMOM200
Condition Monitoring Service - 1 Year for 250 Assets	MHM-SRVC-CONMOM250
Condition Monitoring Service - 1 Year for 300 Assets	MHM-SRVC-CONMOM300
Condition Monitoring Service - 1 Year for 400 Assets	MHM-SRVC-CONMOM400
Condition Monitoring Service - 1 Year for 500 Assets	MHM-SRVC-CONMOM500
Condition Monitoring Service - 1 Year for 600 Assets	MHM-SRVC-CONMOM600

Database Optimization for Condition Monitoring Services (One Time Cost)

Description	Part Number
Database Optimization Service - 1 time cost for 33 Assets	MHM-SRVC-DBOPTCM33
Database Optimization Service - 1 time cost for 50 Assets	MHM-SRVC-DBOPTCM50
Database Optimization Service - 1 time cost for 67 Assets	MHM-SRVC-DBOPTCM67
Database Optimization Service - 1 time cost for 100 Assets	MHM-SRVC-DBOPTCM100
Database Optimization Service - 1 time cost for 150 Assets	MHM-SRVC-DBOPTCM150
Database Optimization Service - 1 time cost for 200 Assets	MHM-SRVC-DBOPTCM200
Database Optimization Service - 1 time cost for 250 Assets	MHM-SRVC-DBOPTCM250
Database Optimization Service - 1 time cost for 300 Assets	MHM-SRVC-DBOPTCM300
Database Optimization Service - 1 time cost for 400 Assets	MHM-SRVC-DBOPTCM400
Database Optimization Service - 1 time cost for 500 Assets	MHM-SRVC-DBOPTCM500
Database Optimization Service - 1 time cost for 600 Assets	MHM-SRVC-DBOPTCM600

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