

# Modern plant monitoring

Shape your own Industry 4.0 future



## Training objectives

Let modern plant monitoring lead you down the path to success! All involved and interested persons, from machine operators, technicians and engineers through to purchasing personnel and even managers, will be given a straightforward and easy-to-understand overview of machine monitoring in its entirety. After taking part in this training course you will be able to assign the relevant techniques to your operational processes, plan a program, present requirements and document the successes. The wide range of technical possibilities can be transferred to machine monitoring applications and integrated into networked processes with Industry 4.0 smart factories. Machine vibration, from the underlying measurement technology to analysis, diagnosis and recommendations for action, will be discussed as a separate topic and demonstrated live. As a central objective, you will learn how to minimise waste and wear, maximise machine availability, ensure quality and optimise operational reliability.

## Training contents

- ▶ Machine monitoring programme  
Planning, evaluating, implementing and assessing
- ▶ Monitoring strategies at a glance
- ▶ Monitoring technologies at a glance
- ▶ Vibration analysis and diagnosis  
with live measurements on a machine
- ▶ Data management
- ▶ Cost-benefit analysis



## Target group

Managers, engineers, technicians, foremen and workshop employees in production, maintenance and customer service

## Duration

2 days  
From 9:00 to approx. 17:00

## Dates

Please contact us.

We are happy to offer training at your location.

## Venue

**Schaeffler** in Herzogenrath  
Kaiserstraße 100  
52134 Herzogenrath  
Germany

## Contact

Sabine Fleischmann  
Phone: +49 (0) 2407 9149-8016  
Email:  
[sabine.fleischmann@schaeffler.com](mailto:sabine.fleischmann@schaeffler.com)