



Training Modules for Condition Monitoring



Connect



Learn



Solve



Mobilise

A core part of our philosophy at ifm is that we work closely with our customers. We want to understand each customer's business and create solutions that work best for them. We also want our customers to grow. Which is why we are offering a new range of training seminars for our condition monitoring range. As with our solutions, we will customise every training session according to an individual customer's needs and requests. Please see the inside of this booklet for more details of the training modules we have available.

Training Modules



CONDITION MONITORING

CODE	MODULE	DURATION	CODE	MODULE	DURATION
VAGT01	REABILITY TRAINING AND SUPPORT DAY <ul style="list-style-type: none"> • Know your assets (critical, essential & balance of plant) • Condition Based Maintenance overview • Understanding different condition monitoring techniques: <ul style="list-style-type: none"> - Vibration Analysis (online, wireless, offline) - Thermography (electrical, mechanical & buildings) - Ultrasonic (air leaks, electrical, mechanical & lubrication) - Oil analysis • Performance Monitoring (flow, pressure, speed etc.) • Balancing • Laser Alignment (belts and couplings) • Getting started with a reliability program • Reliability / Condition monitoring technology, assessment of your critical assets • Criticality discussion – on your own assets • Failure Mode Effect Analysis • Maintenance procedure assessment • CBM best practices • Support implementation of CBM program • Identify asset health monitoring periods 	1 Day		<ul style="list-style-type: none"> - Common defects - Detecting defects • Case history examples 	
	No prior knowledge		<i>VAGT01 prior knowledge</i>		
			VAGT03	WIRELESS VIBRATION <ul style="list-style-type: none"> • Concept and ifm offer • Sensor – Gateway Setup • Remote Monitoring • Practical Exercise 	.25 Day
			<i>VAGT01 prior knowledge</i>		
			VAGT04	VV SENSOR WITH IO-LINK AND REMOTE MONITORING <ul style="list-style-type: none"> • Basics of IO-Link – The new way to communicate with your sensors • Introduction to the smart vibration sensor “VV” • Quick word about Industry 4.0 • Ifm Smart Solutions <ul style="list-style-type: none"> - Sensor2Cloud - SmartObserver 	.5 Day
			<i>VAGT01 prior knowledge</i>		
VAGT02	VSE EDUCATION <ul style="list-style-type: none"> • Condition Monitoring introduction - Benefits - Maintenance strategies - Available technologies • Vibration basics - Time waveform - Frequency spectrum - Different ways of monitoring vibration - Common machinery defects and how to detect them - Monitoring to ISO 10816 • Asset types - Typical asset types used in industry 	2 Days	VAGT05	VSE SETUP WITH VARIOUS PROTOCOLS AND PLC'S <ul style="list-style-type: none"> • AB PLC – Ethernet IP • SIEMENS PLC – Profibus, Profinet • Others – Modbus TCP • Programming practice 	.5 Day
			<i>VAGT02 and basic PLC prior knowledge</i>		



Meet the expert

Interested in training?

We'd love to discuss training options with you! We will customise a training session or series of training sessions to suit your needs.

Phone us on 1300 365 088



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Click or Scan for
more information



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