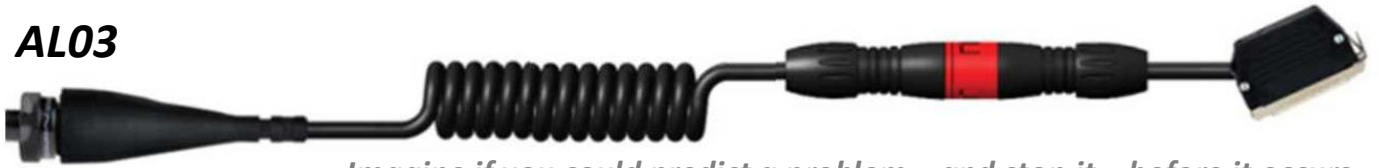


ONLINE CONDITION MONITORING SYSTEMS

AL03



Imagine if you could predict a problem – and stop it – before it occurs.

COURSE OBJECTIVE

An overview course that give you a general ideas and guidelines on critical application that requires to be monitored online as a proactive step for cost reduction solution. In this course, students will understands the objectives and benefits of online condition monitoring system, system selection, monitoring parameters and technique to be use to promote an effective and successful program.

BENEFITS

- Promote your maintenance strategy to next level
- Working toward Predictive Maintenance (PdM)
- Lowering maintenance & operation cost in long run
- Protect critical machines from catastrophic failure
- Increase overall plant efficiency by reducing unscheduled downtime

WHO SHOULD ATTEND

- Reliability manager / engineer
- Reliability consultant
- Maintenance manager / planner

PRE-REQUISITE

No pre-requisite is required. Participants with basic knowledge of condition monitoring products and vibration or attended our course AL01 is an advantage.

COURSE MATERIALS

Comprehensive notes and a collection of case studies

COURSE DURATION

2 DAYS

CANCELLATION POLICY

If notice of withdrawal is given in writing - 14 calendar days before the course date, 80% of the course fee will be refunded. A 50% refund will be made for cancellation received in writing – 7 calendar days before the course date. After which, NO REFUND will be entertained.



Stainless Steel Enclosure with Signal Conditioners

MULTI MAINTENANCE SOLUTION

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COURSE TOPICS

Lesson 1

Introduction to Online Monitoring Systems

- What is online monitoring systems?
- Difference between online and offline
- Why online monitoring systems needed?
- Where do you need online systems?

Lesson 2

Basic Condition Monitoring Products

- Basic handheld products
- Portable Data Analyzers
- Online Fault Detection Systems
- Online monitoring components – sensor, cable & transmitter

Lesson 3

Online Monitoring Systems

- Customer needs & requirements
- Site visits and machines details gathering
- Online systems design & selection
 - Sensor and cable
 - Transmitter
 - Junction box
- Proposal and options
- Preparation & installation
- Setup and commissioning
- On-going updating & future upgrading

Lesson 4

Introduction - Signal Conditioner

- Features and Functions
- Alarm trim setting for signal conditioner (after 6 months)
- BNC Connector Output – buffered measurements
- Auxiliary 24VDC voltage output



Lesson 5

Case Study

- Marine
- Pulp and Paper Mills
- Mining and Quarrying
 - Cone Crusher
 - Vibrating Screen
 - Conveyors



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REGISTRATION

SIGN UP
NOW!



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Job Title / Department: _____
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Email: _____

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Job Title / Department: _____
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Email: _____

3RD Delegate Name: _____
Job Title / Department: _____
Telephone: _____ Fax: _____
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APPROVED BY: _____

Job Title / Department: _____
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2 easy ways to Register



(603) 4047 3465

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