

RELIABILITY & PROACTIVE MAINTENANCE PROGRAM

EL04

Because it's better to *eliminate* downtime than *predict* downtime

COURSE OBJECTIVE

The maintenance strategy that you employ for your machines is vital to their smooth functioning and achievement of your business goals. You can *reduce your downtime from days to hours* by carrying out the correct and appropriate predictive maintenance to all your critical machines.

BENEFITS

- Advance detection in defective problems
- Maximize productivity & reduce downtime
- Optimize machine performance and efficiency
- Provide a safer working environment

WHO SHOULD ATTEND

- Mechanical / electrical engineer
- Reliability manager / engineer
- Maintenance manager

PRE-REQUISITE

No pre-requisite is required

COURSE MATERIALS

Comprehensive notes and a collection of case studies

COURSE DURATION

1 DAY

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.



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COURSE TOPICS

Lesson 1

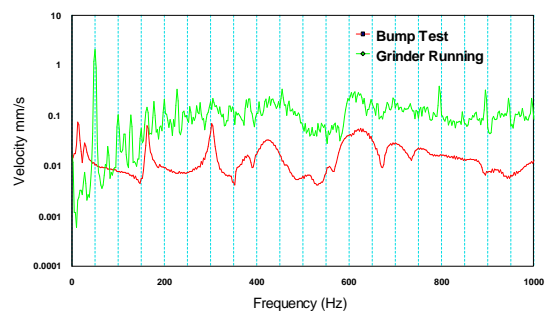
Maintenance Strategies

- Reactive maintenance
- Preventive maintenance
- Predictive maintenance
- Proactive maintenance

Lesson 2

Condition Monitoring

- What is condition monitoring?
- Benefits of condition monitoring
- Types of condition monitoring?
- How effective is condition monitoring?
- How trending can effectively detects defective in advance



Lesson 4

Condition Monitoring Tools

- Vibration data logger / analyser
- FFT Spectrum analysis software
- Thermal Imager
- Laser Alignment Tools

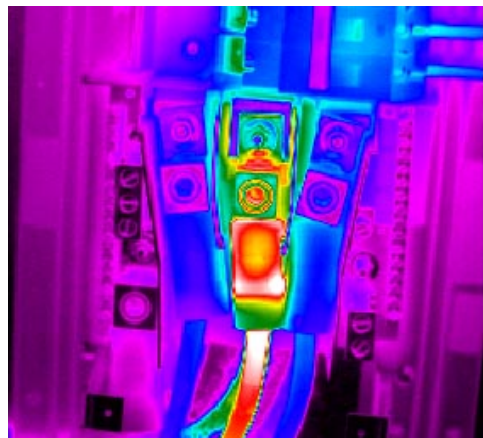
Acquiring vibration of an electric motor using a data collector



Lesson 3

Condition Monitoring Technologies

- Vibration Analysis
- Lubrication Analysis
- Infrared Thermography
- Alignment
- Motor Current Analysis
- Ultrasonic Gauging



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REGISTRATION

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3RD Delegate Name: _____
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