



VIBRATION ANALYSIS & PREDICTIVE MAINTENANCE



Pelatihan ini menjelaskan tentang teori dasar vibrasi, keuntungan predictive maintenance dan bagaimana menyusun program predictive maintenance. Bersama dengan ini juga akan dijelaskan

saling ketergantungan antara vibration monitoring, vibration analysis dan condition based maintenance.

Dengan mengikuti pelatihan 3 (tiga) hari ini diharapkan peserta akan mampu memahami vibrasi dan analisisnya serta pemahaman lebih mendalam mengenai predictive maintenance.

METODE

Metode yang digunakan adalah :

- ◆ Presentasi
- ◆ Diskusi

AGENDA

1. Basic Vibration
 - ◆ Typical Causes of Vibration
 - ◆ Characteristics of Vibration
 - ◆ Vibration and Root Cause Analysis
 - ◆ Frequency, Spike Energy, Displacement
2. How Rotating machine Behave
 - ◆ Machinery Mass and Speed
 - ◆ Shaft Systems
 - ◆ Bearing Systems
 - ◆ Foundation and Support Structures
3. Case Histories with Vibration Spectra Displays
 - ◆ Amplitude Vs Frequency
 - ◆ What is a decibel?
 - ◆ Interpreting Amplitude/ Phase-vs. rpm plots
 - ◆ Stroboscopic Observations
4. Benefits of Predictive Maintenance Program
 - ◆ Cost Benefit Analysis
 - ◆ Cost Analysis
 - ◆ Detection Requirements

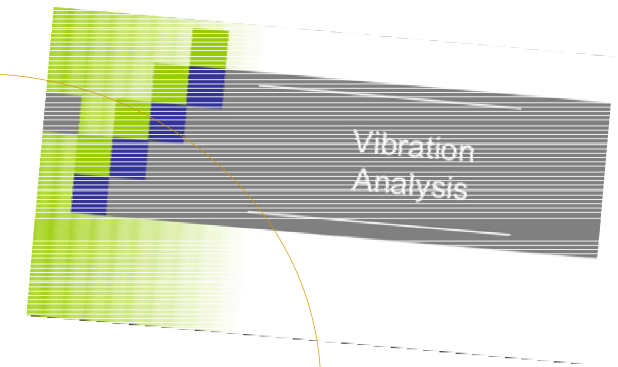
PESERTA

Electrical Engineers, Electricians, Maintenance Engineers & Technicians, Process Engineers, Instrumentation & Control Engineers, Maintenance

Engineers, Mechanical Engineers & Technicians, Control Technicians, Consulting Engineers, Automation Engineers.

FASILITAS

- ◆ Materi Pelatihan
- ◆ Instruktur Berkualitas
- ◆ Sertifikat
- ◆ Souvenir Eksklusif
- ◆ Makan Siang & Kopi/Teh



PENDAFTARAN

Hubungi : Mutia

Sekretariat : Gd. P2M - Dept. Teknik Mesin FTUI
Jl. Salemba Raya 4, Jakarta Pusat 10430
Phone /fax.: 021-3149720, 021-3144660
E-mail : p2minfo@indosat.net.id
Website : <http://www.p2mmesin.com>

Nama Rekening Virtual : FT P2M Departemen Teknik Mesin
Nomor Rekening Virtual : 8887-267-108001-352
Nama Bank : BNI Kantor Cabang UI Depok
NPWP : 02.486.770.7-412.000
(UNIVERSITAS INDONESIA)