Shaft Alignment & Vibration Analysis

Date	Venues	($)Fees	Book your seat
21 Apr -25 Apr 2024	Istanbul	3300	Register Now

Course Overview

This highly relevant seminar is intended for mechanical engineers and technicians involved in electrical utilities. And those are responsible for general considerations of vibration tests persons who The course can be used as an introduction to the field of vibration analysis and shaft alignment and are interested to work vibration theory.

Course Objective

With the ever increasing demand on mechanical utilities, larger and larger generating units have been installed. All these reasons necessitate safe working conditions for all these new machine generation utilities.

The course presents a systematic approach to the basics of vibration theory. It first adopts a general approach to the free and forced vibrations. Then it explains what is meant by various types of vibration control and correction. The course familiarizes the attendee with principles of vibration measurements and analysis methods and design and its associated calculations. The understanding of the principles and techniques of different types of alignment will be gained. Upon completion of this course, participants will gain an understanding of measuring and correction techniques. They will be aware of other vibration representation methods. The attendance will be familiar with most of the harmonics and deterministic signals.

Who Should Attend?

- Mechanical Engineers.
- Senior technicians who work in the mechanical machines in power utilities.
- Technicians who would like to refresh their knowledge.
- Electrical and chemical Engineers who are interested in control subjects.

Course Outline

- Introduction To Vibrations
- Vibration Control And Correction
- Vibration Measurement And Analysis
- Shaft Alignment
- Case Studies

Training Methodology

- Presentation & Slides
- Audio Visual Aids

- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation

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