

# Practical Machinery Vibration Workshop

## Course Title

Practical Machinery Vibration Workshop

## Course Date/ Venue

1-5 May 2010

Qudaih Student Program, Qatif

## Course Duration

Five Nights / 7:30 to 9:30 PM

## Course Description

This is an intensive course designed to provide practical knowledge and tools on machinery vibration for engineers and senior technicians involved in operating and maintaining rotating equipment. It is perfect for individuals interested in a subject overview and in taking away practical skills. Plenty of illustrations and pictures are included in the course material. The delivery approach is very interactive as several workshop exercises are included. Also, actual measurement tools and commonly used analysis software are demonstrated to simulate real life cases.

## Who Should Attend

- Mechanical/Instrumentation Engineers
- Commissioning/Project Engineers and
- Reliability/Maintenance Engineers Technicians

## Course Outline

Why machinery vibrate. Why vibration is measured and how. What are the commonly used sensing systems and when to select each one of them. How high is high vibration and what is the basis. What are the commonly used plots and how to interpret them. What is vibration fault diagnosis and what machinery problems it can predict. Demonstration on vibration hardware and vibration data measurement. Demonstration on analysis software. What additional resources are available for development in the vibration field.

## Course Fee

SR 400 per participant. This rate includes Participant's Pack (Folder, Manual, Hand-outs, etc.), daily refreshments (coffee/tea/beverages and snacks).

## For Registration

Wahab Al Jaroudi. **Mobile:** 0504983690

**Email:** [jamwahab7@gmail.com](mailto:jamwahab7@gmail.com)

Ali M. Al-Shurafa. **Mobile:** 0503889851

**Email:** [ashurafa@hotmail.com](mailto:ashurafa@hotmail.com)

