

# EFFECTIVE ROTATING EQUIPMENT OPERATION, MAINTENANCE, INSPECTION & MANAGEMENT

### **OVERVIEW**

To achieve this goal we shall explain the basics of Lubrication systems, Bearings, Drivers, seals and sealing systems, for Centrifugal and Positive Displacement Pumps as well as Turbines, Centrifugal Compressors and Reciprocating Compressors. We will then present common sense inspection methods for Centrifugal and Positive Displacement Pumps, Motors, and Turbines.

# **TARGET MARKET**

- Managers
- Maintenance engineers
- Maintenance superintendents
- Maintenance personnel
- Service engineers
- M&E foremen
- Charge man & technical executive
- Technical assistant.

# **COURSE OUTLINE**

- Rotating equipment I
- Rotating equipment II
- Rotating equipment III
- Preventive/Periodical maintenance
- Rotating equipment IV
- Assembly and Disassembly
- Cause of Cavitation's
- Bearing
- Shaft alignment



### **OBJECTIVES**

- Understanding fundamental of rotating equipment's (Pump, Compressor, Steam Turbine, Gas Turbine)
- Understanding the basic construction of rotating equipment (Pump, Compressor, Steam Turbine, Gas Turbine)
- Explaining the importance of the components used in rotating equipment
- Describing the principles of operation and maintenance of rotating equipment
- Understanding failure and troubleshooting on rotating equipment
- Describing the vibration on rotating equipment









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