



## BEARING RELIABILITY IN PUMPS

ONE DAY TRAINING COURSE

### COURSE OVERVIEW

This course will help the participants to learn about pumps, their types, design, functionality and bearing reliability in pumps specially centrifugal pumps. It will also enable the participants to learn about the motor and pump relationship to work at ultimate performance. This is practical knowledge based training program designed to address most common issued at plant site related to the performance of bearings in pumps at large.

### COURSE OVERVIEW

This course will enable the participants to have in depth knowledge of the pump applications and learn how to improve bearing reliability and performance in industrial pumps. It will also help the participants to be able to address pump unplanned downtime and failures modes. They will be able to conduct bearing failure analysis of all types of pump applications and learn how to properly mount and dismount bearings in all types of pumps application correctly.

ONE DAY | 0900 - 1700 HRS

USD 1,600.0 / SESSION

15 PARTICIPANTS

### COURSE CONTENT

- Types, design and pump applications
- Operation, suction & discharge
- Pump Terminology
- Bearing selection for pump applications
- Lubrication of pump applications
- Sealing solutions for pump applications
- Alignment, vibration analysis & CM
- Bearing failure analysis of pumps
- Typical cause and effect troubleshooting
- Life calculation and bearing mounting
- Maintenance guidelines for pumps

### WHO SHOULD ATTEND

Service, maintenance, machine repair, and plant / facility engineering staff of an industrial plant, OEM facility, institution, public utility, or commercial building who use rolling bearings and related equipment. Managers and technicians at industrial plants and OEM facilities responsible for rolling bearing performance and reliability. Rotating equipment engineers, reliability engineers, mechanics, & maintenance supervisors.