

Troubleshooting Bearing Failures



Description

This course offers intensive insight into bearing life improvement. The participant will gain knowledge in bearing selection, proper bearing lubrication, and troubleshooting skills as well as predictive and preventive maintenance of industrial bearings.

Outline

- Introduction to Bearings
- Bearing Selection
- Types of Bearing Seals
- Bearing Installation and Removal
- Bearing Lubrication
- Vibration Analysis to Predict Upcoming Failures
- Troubleshooting Failed Bearings
- Remedies to Cure Bearing Problems
- Troubleshooting Charts for Bearings
- Bearing Cross-Reference Charts
- The Total Bearing Predictive and Prevention Maintenance Package

Prerequisites

There are no prerequisites for this course as it will start out basic and cover troubleshooting bearings in great deal with an emphasis on extending the life expectancy of the industrial bearing.

Course Length

24 hours.

Performance Objectives

At the completion of this course the participant will be able to:

- Select the proper type of bearing for the application.
- Troubleshoot failed bearings to prevent reoccurrence of the failure.
- Understand lubrication needs in regards to industrial bearings.
- Select the proper way of mounting or dismounting a bearing.
- Have an entry level understanding of Predictive and Preventive Maintenance.
- Select the correct type of seals to protect the industrial bearing.