



Course description

Basic Training Bearing Technology

(2 days, theory and hands-on)

Training contents

This training course concentrates on the general basics of bearing techniques and on the area of application. Our bearing experts illustrate the design, features and roller bearing codes. Furthermore we will be discussing the symptoms and causes of bearing damages. In the practice orientated course component the appropriate mounting and dismounting techniques as well as the application and handling of various mounting- / dismounting tools will be conveyed. The training course also includes a guided factory tour through the FAG Roller Bearing production.

Target group

Head foremen, foremen and mounting personnel from maintenance shops as well as interested employees. No special previous knowledge is required.

Training objective

The participants will learn the correct and professional handling of roller bearings and gain basic knowledge in mounting and dismounting. The attendance of the course will be confirmed by a certificate.

Duration

2 day

Venue

F'IS Training Center, FAG Factory in Schweinfurt

Number of participants

4 - 12 attendees

Fee: 800,- € per person

In this fee the training materials, catering and lunch are included. The price does not include the VAT of 19%.

Dates

20.-21. January 2009

10.-11. March 2009

26.-27. May 2009

07.-08. July 2009

27.-28. October 2009

Miscellaneous

The participants carry possible costs for accommodation themselves. If you need help with your hotel booking, we will gladly be of assistance.

General Eligibility Requirements

Cancellation clause

In case of a cancellation from the customer side, we will charge 40,- € administrative costs. If the attendee steps back within the last two weeks before the course starts, we have to charge 50% of the course fees. It is possible to nominate another attendee in that case.

Unless otherwise agreed in writing, all goods and services provided by F'IS are subject exclusively to the General Terms and Conditions of sale of FAG Industrial Services GmbH in effect at the time of the acceptance of your order, including the provisions regarding the choice of German law as governing law and the retention of title.

These terms and conditions are available through F'IS.

Agenda: Basic Training Bearing Technology

1. training day

- until 08:00 Arrival of participants
- 08:00 – 08:15 Reception and introduction of trainers and participants
- 08:15 – 09:15 General basics of roller bearing techniques
- History of roller bearing
 - Current developments of today
 - Fundamental terms of roller bearings
- 09:15 – 09:30 Coffee break
- 09:30 – 11:30 Roller bearing designs
- Features
 - Roller bearing cages
- 11:30 – 12:00 Roller bearing codes
- 12:00 – 13:00 Lunch time
- 13:00 – 14:30 Mounting and dismounting of roller bearings (part 1)
- Correct handling of roller bearings
 - Required accuracy and cleanliness at your work/mounting bench
- 14:30 – 14:45 Coffee break
- 14:45 – 16:30 Mounting and dismounting of roller bearings (part 2)
- How to correctly check bearing seats
 - Professional mounting and dismounting with practical exercises
 - Adequate maintenance and inspection
- ca. 16:30 End of first training day

2. training day

- until 08:30 Arrival of participants
- 08:30 – 10:15 Roller bearing lubricants and sealants
- Selection of lubricants
 - Methods and tools for relubrication
 - Design and features of sealants
- 10:15 – 10:30 Coffee break
- 10:30 – 12:00 Bearing failures
- Damage patterns
 - Causes
 - Preventive measures
- 12:00 – 13:00 Lunch time
- 13:00 – 15:30 Bearing manufacture in practice
- Plant tour of the Schweinfurt factory
- 15:30 – 15:45 Coffee break
- 15:45 – 16:00 Concluding discussion and hand-over of certificate of attendance