



ASSETS PROTECTION COMPANY
SECURITY AND SAFETY TRAINING CENTER
(A DIVISION OF SAUDI PETRO GAS CO.)

Bearing Fitting

Objectives:

The objective of this course is to provide, enhance and promote safe technical knowledge and practices concerning actual day-to-day tasks of the trainees, wherein after the completion of the program, the participant will be able to:

- Identify and state the main applications of Plain and Anti-Friction Bearings
 - Recognize the bearing defects
 - Remove the bearing from a shaft by selecting proper method and proper tools
 - Fit a Bearing by selecting correct size, right tools and correct method
 - Learn practical and safe working applications
-

Course Subjects:

- Introduction – Types of Bearing, Solid and Anti-Friction
 - Fault Finding, Bearing Inspection and Rectification (Practical)
 - Bearing Marking System
 - Importance of knowing the system and Bearing fitting methods
 - Bearing fitting on shaft (sink fit) (Practical)
 - Bearing material and cause of damage
 - Adapter sleeve fitting methods
 - Adapter Sleeve, Bearing Fitting, Clearance,
 - Checking by Feeler Gauge (Practical)
 - Types of Bearing Puller, Tools
 - Dismounting the Bearing System and Types
 - Dismounting the Bearing
-

Participants:

- Technical Staff, Maintenance and Production Supervisors

Methodologies:

- Pre-Training Assessment
- Class Room sessions
- Plant / Work visits
- Evaluation – Written & Practical Test, Oral / Viva-Voce Test

Duration:

- Two (2) to four (4) Weeks in general at 5 days of 8 hours each.

Course Location:

- Security and Safety Training Center, Dhahran or at Client's Suitable Venue

Language:

- English / Arabic