

TIMKEN



TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related industrial motion rebuild and repair services.

www.timken.com

Stronger. By Design.

LEARN AND LEAD WITH TIMKEN

BEARING FUNDAMENTALS SEMINAR

Contact your Timken sales representative for dates or visit timken.com

OVERVIEW

It's no secret that today's increasingly complex business environment challenges us to work faster, harder, and smarter in delivering bottom-line results. The engineering community, in particular, faces difficult challenges. It's often charged with researching, developing and designing innovative solutions that reduce warranty costs and improve performance and functionality. Timken understands the challenges engineers face – that's why we've created the Learn and Lead with Timken technical training seminar. Our comprehensive instructional program gives you the knowledge to become local bearing experts at your company. This technical training program is ideal for design engineers, reliability engineers, and maintenance engineers working for industrial OE manufacturers.

CURRICULUM

The seminar is a two and one half days session which includes in-depth classroom instruction along with facility tours. We believe this collaborative, integrated approach will provide you with a complete understanding of the issues and current trends needed to develop leading-edge design work.

For additional information, contact your Timken sales engineer or visit timken.com.

COURSE CURRICULUM

The Bearing Fundamentals class is designed to help an engineer understand the core bearing designs, selection, installation, clearance, setting and environmental factors that impact the performance of ball and roller bearings.

In addition, the program exposes engineers to the complete Timken portfolio of products and services, bearing analysis tools and enhanced bearings to meet demanding performance requirements.

INSTRUCTORS

This seminar is presented by Timken engineers. Courses are taught by a team of application and design engineers. They bring years of experience in virtually every industrial market. Participants also have an opportunity to meet with Timken application engineers at the end of the seminar to discuss current projects. The ability to have this one-on-one interaction with key Timken personnel is a great opportunity to discuss practical, real-world challenges facing your organization.

COURSE OUTLINE

Day 1

Product Overviews

Bearing Life Calculations

Seal and Lubrication Basics

Facility Tour

Day 2

Mounting and Fitting

Bearing Setting and Radial Internal Clearance

Bearing Damage Analysis

Hands on Mounting and Setting Concepts

Day 3

Adjusted Bearing Life

Timken Analysis Capabilities

Manufacturing Shop Tour

Engineering Key Contact Meetings

COST

Contact your Timken sales representative for pricing. *(Seminar fee covers instructional materials, shuttle transportation to and from class each day, continental breakfast, lunch and dinner).* All air and ground transportation to and from the training location, hotel accommodations and incidental charges are not included.

REGISTRATION

To register, contact John Byers at john.byers@timken.com.