

BEARING MAINTENANCE TRAINING

Classroom and Hands-On Modules Include:

CORE CURRICULUM:

The basics of antifriction bearings

- Introduction to Antifriction Bearings
- Bearing Damage Analysis
- Bearing Maintenance and Handling

BEARING FUNDAMENTALS:

An overview of features and applications for each bearing design

- Cylindrical Roller Bearing Fundamentals
- Housed Units & Wide Inner Ring Bearings
- Needle Roller Bearing Fundamentals
- Radial Ball Bearing Fundamentals
- Spherical Roller Bearing Fundamentals
- Tapered Roller Bearing Fundamentals
- Ball Bearing Damage Analysis

BEARING MOUNTING AND ADJUSTMENT

- Measuring Timken TDO Bearings
- Mounting Tapered-bore Spherical Roller Bearings
- Multiple Row Tapered Roller Bearing Adjustment
- Pillow Block Mounting



CERTIFIED TRAINING

Organizations committed to training and following proper bearing practices may become Timken Bearing Certified. This distinction demonstrates your facility's quality and commitment to industry best practices that are recognized by The Timken Company.

Individuals completing Timken Bearing Maintenance Training are eligible to earn this certification. Organizations that successfully complete at least the four-hour training and undergo an audit of their maintenance practices and facility may become Timken Bearing Certified.

To find out more about how your organization can benefit from customized bearing training and become Timken Bearing Certified, contact your local Timken sales representative, call 1-800-223-1954, or visit www.timken.com/training.

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TIMKEN

Where You Turn

Bearings • Steel • Precision Components • Lubrication • Seals • Remanufacture and Repair • Industrial Services

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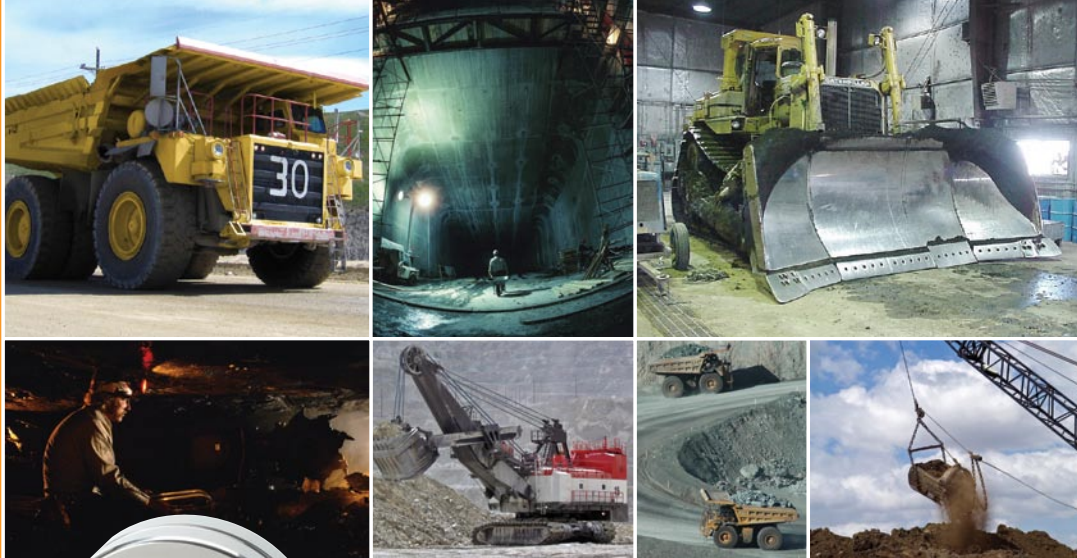
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TIMKEN BEARING MAINTENANCE TRAINING

On-site Training
for Improved Mining Equipment
Performance



EQUIPMENT BEARING MAINTENANCE



PARTNERS IN BEARING PERFORMANCE

Timken is where mining industry customers turn to help increase the performance and uptime of their equipment. That's why we've developed our Bearing Maintenance Training program, providing mine operators and maintenance personnel with the information they need to help keep their equipment running smoother and longer.

Each seminar is personalized, presented at your location or a nearby hotel or conference center. You select the topics of interest for you and your maintenance employees. Classroom presentations and practical hands-on sessions are presented by Timken service and application engineers who have a deep knowledge of mining and other industrial applications. They are backed by our company's century-long leadership in bearing design, manufacture, maintenance and repair.



KNOWLEDGE TO PUT YOU AHEAD OF THE REST

Our experienced instructors are qualified to cover every aspect of bearing technology in a mining environment. They can demonstrate the most effective procedures to remove, install and adjust bearings in mining equipment. Your personnel will also learn how to inspect bearings, determine different damage modes and take corrective action.

Attendees learn the fundamentals of antifriction bearings, with an overview of the basics for the bearing designs most commonly used in mining: tapered, cylindrical, spherical and ball.

Related additional topics include the care and handling of seals and proper lubrication techniques. Timken Bearing Maintenance Training for the mining industry will give your staff maintenance skills that can help give your organization a competitive edge.

SMALL INVESTMENT – BIG PAYOFF POTENTIAL

“If you think training is expensive, consider the cost of ignorance.”

That old saying is especially true in mining. Skilled, well-trained maintenance people are key to keeping your equipment up and running at peak productivity. The small investment of time and money in the Timken Bearing Maintenance Training may quickly be recouped in helping increase uptime and faster turnaround on equipment service. Not to mention the impact on job satisfaction for your staff members who will appreciate your investment in increasing their knowledge and abilities.

Small class sizes, hands-on learning and industry expert presenters combine to ensure that attendees walk away with practical knowledge that they can apply on the job.

To schedule your own on-site training today, contact your Timken sales representative or visit www.timken.com/training.

