TURNING BEARING KNOWLEDGE INTO MILL UPTIME

Knowledge is power. When it comes to bearings in the paper industry, a lack of knowledge could lead to significant downtime.

That’s why The Timken Company developed this comprehensive paper industry bearing training.

Timken’s paper industry bearing training offers maintenance and mill operators in-depth fundamentals needed to reduce maintenance costs and downtime relative to bearing usage.

The two-day training leverages the company’s knowledge of designing, researching and manufacturing bearings and steel.

Attendees have the opportunity to learn from all our available resources, including the knowledge our paper industry engineers have gained from operating bearings in worldwide facilities.

As well, our engineers have inherent knowledge of handling, installing, lubricating and maintaining bearings.

Timken’s service and application engineers, who have more than a century of combined experience, will serve as instructors.
MAXIMIZING PAPER INDUSTRY BEARING PERFORMANCE

This paper industry bearing training covers every phase of bearing performance within the mill. Complete bearing training for paper and auxiliary equipment results from our industry experience in every aspect of paper manufacturing – from pulp to finish. Attendees will gain a better understanding of the basic operating characteristics of anti-friction rolling element bearings including the proper use, mounting procedures, inspection, and damage analysis. Proper care and handling is emphasized throughout the training. There will also be instruction on proper fits, clearances, and tolerance levels, as well as, load and life calculations.
ACHIEVING LOWER MAINTENANCE COSTS

Timken’s paper industry bearing training is structured for every attendee to receive personalized instruction. Learning how to use the proper equipment and processes leads to reduced downtime and lower maintenance costs. To learn more about upcoming training, availability and costs, contact your Timken sales representative or visit www.timken.com/training.
CLASSROOM INSTRUCTION
BEARING FUNDAMENTALS
INSTALLATION AND REMOVAL
BEARING DAMAGE ANALYSIS
LUBRICATION
PRECISION C08 FEATURE
BEARING REPAIR
METALLURGY
CONDITION MONITORING

HANDS-ON MODULES
BEARING MANUFACTURING PROCESSES
BEARING INSTALLATION AND REMOVAL
  STRAIGHT BORE
  TAPERED BORE
BEARING INSPECTION PROCEDURES
BEARING DAMAGE ANALYSIS
SHAFT AND HOUSING INSPECTION
  SINE BAR
  12-POINT MEASUREMENT PROCEDURE
CONDITION MONITORING
THE TRAINING INCLUDES:

TRAINING MATERIALS
CONTINENTAL BREAKFAST EACH DAY
LUNCH EACH DAY
ONE EVENING MEAL
TRANSPORTATION TO TRAINING SESSIONS

ATTENDEES ARE RESPONSIBLE FOR PAYMENT OF:

AIR/GROUND TRANSPORTATION
HOTEL ACCOMMODATIONS
ATTENDEES STAY AT HOTELS IN DUNCAN, SC, OR UNION, SC, NEAR TIMKEN
TIMKEN WILL MAKE HOTEL ARRANGEMENTS

TO TYGER RIVER PLANT FROM GREENVILLE-SPARTANBURG AIRPORT (GSP):

I-85 North toward Spartanburg. Exit onto Hwy. 101, that becomes Hwy. 146 as you approach Woodruff. Stay on Hwy. 146 to Cross Anchor. Turn left onto Hwy. 49. Go 18 miles to Union, SC, look for Industrial Park Timken sign on left. Travel one mile to the entrance.

Contact your Timken representative for training dates and registration information.

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 high-performance mechanical components, including bearings, gears, belts, chain and related mechanical power transmission products and services.

www.timken.com