

Northwest Indiana



Business Roundtable

Reliability Conference

The NWIBRT 2003 Reliability Conference will be held on Thursday, October 30, 2003 at the Construction Advancement Foundation (CAF) located in Portage, Indiana from 8AM to 3:30 PM.

There will be seven speakers on topics of interest to all maintenance people. A \$10.00 admission will be charged and includes a box lunch. Call Brian Biby at (219) 399-6753 for additional information. See you there.



8:00-8:10 Brian Biby with ISPAT Inland will welcome guests and kickoff the NWIBRT Reliability Conference. Brian will also provide closing remarks at the end of the day.



11:10-12:05 Nelson Baxter from ABM Technical Services will discuss specific vibration resolution case histories involving motors, pump casing, and structural resonance issues. Topics will include thermal balance issues, broken rotor bars, line balance problems, vane pass irregularities, low flow characteristics and vertical circulating water pump resonance.



8:10-9:05 Bob Kolbert with U.S. Steel will present information on the use of a QIT (Quality Inspection Team) to inspect and grade vendors performance to a standard in fabricating, welding, machining and fitting of new or used parts & assemblies. This presentation will provide information on the role QIT plays between the department, U.S. Steel buyer and vendor on new or repaired parts or equipment.



12:30-1:25 Micheal Falk from Falk P.L.I. Engineering will discuss services that reduce downtime, increase accuracy and improve safety. Providing advanced laser measurement services is the method by which clients realize these productivity related goals. Typically completing measurement services in minutes compared to hours or even days, Falk significantly shortens project schedules.



9:05-10:00 Emil Catroppa, Ispat Inland Inc., will discuss his background in service engineering and the challenging transition into the role of Reliability Engineering: The different viewpoint, the additional tools used, and the new skills required when focusing on equipment reliability & availability.



1:25-2:20 Lil Kassie from BP Amoco will address the requirements of adequately designed Lube Oil Systems with basic maintenance and monitoring guidelines for ensuring dependable operations.



10:15-11:10 Tom Machacek, Cornerstone Electrical Consultants, Inc., and Russ Linn, BP, will present information on battery reliability practices for healthier battery systems. The discussion will include battery inspections, maintenance, charging and continuous monitoring systems.



2:20-3:15 Bill West, P.E. with Rimkus Consulting Group, Inc. will review Infrared Thermal Imaging trends, technical improvements, and cutting-edge applications. Colorful, high-resolution "best find" infrared images, along with their benefit or loss-avoidance stories will be presented.