

Northwest Indiana Business Roundtable

2006 Reliability Seminar



The seminar will be on **Thursday, October 19, 2006** at the Construction Advancement Foundation (CAF) located at 6050 Southport Road, Portage, Indiana. Seminar check-in and refreshments begin at **7:15 AM.**, **Kickoff at 7:45AM.**

Details on the 6 presentations and panel discussion are below. Reliability vendor exhibits round out the seminar. Lunch is included in the \$10.00 admission. **Pre-registration is preferred. At the door registration is as seating permits.** Please call Jim Payonk at (219)-399-5259 for more information. Registration info on reverse.



8:20 – 9:00 “Equipment Acceptance Criteria for Reliability”
Brian Biby, Mittal Steel, will introduce the recently released NWIBRT acceptance specification for equipment reliability. The spec covers many equipment health aspects such as vibration, thermography, oil cleanliness, alignment, and motor testing.



12:15 – 1:15 “Inventory Control — Panel Discussion” Charlie Totten, Morris Material Handling, will lead Larry Frey (Mittal Steel), Chuck Mauder (Mittal Steel), Neal Mortensen (US Steel), and Barry Rippe (NIPSCO) in a panel discussion focused on wide area spares & equipment inventory control. Have your questions ready!



9:00 – 9:40 “Electrical & Electronic Equipment Obsolescence”
Michael Masleid, Mittal Steel, will discuss the failure modes of electrical and electronic systems. He will also present methods used to estimate remaining life and to predict the failure of non-rotating electrical and electronic systems and equipment.



1:35 – 2:15 “Remote Monitoring with Wireless Technology” Nelson Baxter, ABM Technical Services, will present emerging methods to remotely monitor, assess, and report rotating equipment health by using installed sensors, leveraging wireless networking, tapping the expertise of centralized analysts, and providing data & results thru any web browser.



10:00 – 10:40 “Arc Flash — Engineered Solutions” Tom Machacek, Cornerstone Electrical, will review the causes of arc flash & blast events and efforts to reduce their occurrence and severity. Tom will share examples and present case histories of engineered solutions which have reduced or mitigated arc flash and blast effects.



2:15 – 2:55 “Tribology Fundamentals” Alex Pappas, U. S. Steel Gary Works, will discuss the fundamentals of tribology (oil analysis), including the benefits of monitoring the lubrication condition, proper oil sampling techniques, and interpretation of oil analysis test results.



10:40 – 11:20 “Hazardous & Infectious Material Control During Construction” Jeff Peters, Rimkus Consulting, will discuss contaminant health risks, assessment of their potential severity, differing methods to contain them, and ways to ensure containment is successful and safe for all involved parties.

NWIBRT Web Links—

Home Page: <http://www.nwibr.org>
Reliability Standards: <http://www.nwibr.org/stanspec.htm>
Membership Info: <http://www.nwibr.org/joinus.htm>

Other Reliability Links—

M & R Professionals: <http://www.smrp.org>
Reliability Web: <http://www.reliabilityweb.com>
Vibration Institute: <http://www.vibinst.org>
Trib. & Lube Engineers: <http://www.stle.org>
Iron & Steel Tech: <http://www.aist.org>

Northwest Indiana Business Roundtable

Reliability Seminar

October 19, 2006

Pre-registration Deadline: October 13, 2006

Company Name: _____

Names of Participants:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Total Fee: No. Participants X \$10.00 = _____

Please submit completed form and a check for the total fee to:

NWIBRT
P.O. Box 374
East Chicago, Indiana 46312-0374

