SPEAKER:
MARK PODOB
V.P. Marketing & Sales, Metlab Corp.

TOPIC:

Mark Podob is currently Vice President and co-owner of Metlab, a sustaining member of the ASM Liberty Bell Chapter and one of the largest heat treating companies in the Greater Philadelphia Region. With a BE and MS in Metallurgical Engineering and Materials Science, he has held positions in the metals and materials field throughout his career, including metallurgist, technical director, product manager, sales manager and ultimately company owner. Mr. Podob has been a member of ASM since 1967.

Metlab, established in downtown Philadelphia in 1928, is among the oldest continuing operating commercial heat treatment companies in the United States. The company was acquired from the founding family in 1998 by Mark Podob and James G. Conybear (FASM). Employing 18 people at the time of the acquisition and faced with significant financial and operational challenges, the company today has a staff of over 40 and has seen tremendous growth in customer base, markets served, sales volume and profitability. Spurred by the acquisition of two additional companies, John V. Potero in 2001 and Black Ox in 2004, Metlab offers the broadest array of thermal and surface treatments in the area, and services an international marketplace. While Metlab focused on heat treating large parts, Potero's area of expertise in heat treating small parts and black oxide treatment; Potero also offered pick-up and delivery in its own vehicles. Black Ox was able to bring a customer base of over 1,000 companies and offered black oxide coating on ferrous, non-ferrous and brass machined parts and passivation in accordance with military specifications. These acquisitions plus product focus by Metlab, resulted in the success and growth of the newly, merged companies.

Some of the more interesting components heat treated by Metlab have included gears as large as 10 feet in diameter weighing more than (continued on page 4)

Technichal Chairperson: Al Singmaster, Singmaster Personnel Serv.

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Chairperson’s Message

OCTOBER 2015

As I am writing this message Philadelphia had a great historical weekend as the Pope visited the city for the first time since 1979. The weather was perfect and in the wake of his visit we are starting to get the rain that this area has needed. Now it is time to prepare for Hurricane Joaquin. Let us all hope that the storm is not damaging to the United States as it has been in the Bahamas.

I am pleased to announce that the October meeting is Eisenman Award Night and the recipient of the award is Mark Podob. Mark is currently the Vice President and Co-owner of Metlab located in Wyndmoor, Pa. He will be speaking about his career and the unique solutions that he has encountered on different heat treating projects.

I will ask you to please try and attend the meeting this month and as always if you know of someone who is in the materials industry looking to network with a great community of people that reaches across our country and around the world please invite them to come to one of our meetings.

Best Regards,
Jamie Jones
2015 – 2016 Chapter Chairperson

2015- 2016 Upcoming Events. . .

11-19-15 Thursday Young Members Night, Topic: TBD, Williamson College of the Trades
11-24 thru 3-16 MEI Course - Fundamentals of Non Destructive Testing
1-21-16 Thursday Sauveur Award Night, Topic: Manufacturing of Pharmaceutical Tablets, Williamson Banquet, Willow Grove, PA
2-18-16 Thursday Continuing Education Night, Topic: Determination of the Degree of Thermal Exposure to Lower Head of 3-Mile Island Unit 2
3-17-16 Thursday National Officers Night, Topic: Heavy Closed Die Hydraulic Forging Presses, Williamson Banquet, Willow Grove, PA
4-21-16 Thursday Sustaining Members Night, Topic: Sustaining Member Expo, Williamson Banquet, Willow Grove, PA
5-19-16 Thursday Honors & Past Chairmen Night, Williamson Banquet, Willow Grove, PA

Welcome New Members. . .

Joseph Calhoun ArcelorMittal
Dylan Carney
James Catanese North American Hoeganaes High Alloys
Chris D. Doman Arcos
Syndey Luk
Gloria Graham Houghton International
Scott A. Heston ACI Technologies
Denise Orthner NAVAIR – Lakehurst NJ
Leo J. Procopio Dow Chemical Co.
Chris Schade Hoeganaes International
Goutam Shahani
Tom Smith Atlas Bronze
Brett Wenger PV/T & Consarc

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MEI Course: Fundamentals of Non Destructive Testing


When: Tuesday evenings 24 November 2015 through 16 March 2016 -- 6:30 to 9:00 PM

Where: Laboratory Testing, Inc. 2331 Topaz Drive, Hatfield, PA 19440

Cost: $450.00 includes the 16 written lessons, course carrying 2.8 CEU’s and instructed by qualified personnel. Each student, after the first one from the same company will cost $400.00.

Fundamentals of Non Destructive Testing

With industry placing increasing emphasis on NDT for economic, environmental and safety reasons, it is more important than ever that NDT personnel have a thorough working knowledge of all types of NDT techniques and be familiar with the wide variety of equipment that is best used with each specific technique. This in-depth course covers all this basic information and goes much further, teaching class participants which types of testing should be done for numerous applications--and why, how to analyze NDT procedures, and how to interpret results. This technical and complex subject is presented in a way that makes it easy to comprehend in a relatively short time.

WHO SHOULD ATTEND?
• Technicians  • QA Managers  • Engineers  • Managers  • Individuals requiring an introduction to the fundamentals of NDT

COURSE OUTLINE:
1. Introduction to Nondestructive Testing
2. Liquid Penetrants
3. Magnetic Particle Inspection Fundamentals
4. Magnetic Particle Inspection Applications
5. Ultrasonic Testing Fundamentals
6. Ultrasonic Testing Equipment
7. Ultrasonic Testing Applications
8. Radiographic Inspection
9. Industrial Computed Tomography
10. Eddy Current Fundamentals
11. Eddy Current Applications
12. Acoustic Emission
13. Thermal Inspection
14. Microwave, Optical & Acoustic Holography
15. Interpretation & Classification of Indications
16. Nondestructive Testing Standards and Specifications

For more information or to enroll in this class contact Bob Rich at: rrich@spstech.com
Include: Name, contact information including: phone number, mailing address, your company affiliation. Bob can be reached at 215-771-3647.

Check us out on Linked-In at: http://www.linkedin.com/groups?mostPopular=&gid=2897863
Check out our website at: http://philadelphia.asminternational.org
Topic (continued from page 1)
40,000 pounds, 3.0 to 4.0 meter windmill bearing rings, tank turret races, down hole oil drilling components, and complex machined parts requiring just in time processing of large quantities of parts.

Mr. Podob will share highlights from his career, tracing his path as an entry level metallurgist with Pratt & Whitney Aircraft in East Hartford, Connecticut, to ultimately the owner of Metlab, and discuss some of the more unique heat treating and manufacturing projects that Metlab has worked on during his tenure with the company.

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