

Calendar of Events

Wednesday, January 25, 2006

Los Angeles Chapter General Meeting

Time: 6:00 pm

Title: *Kolsterising® Surface Hardening for Stainless Steels*

Speaker: Paul Dymond, Bodycote Thermal Processing

Wednesday, January 25, 2006

South Bay Chapter General Meeting

Time: 6:00 P.M.

Title: AMS 2750 Rev D

Thursday, January 26, 2006

San Fernando Valley Chapter Plant Tour

Time: 6:00 pm

Plant Tour: Bodycote, Tarzana

Tuesday, February 21, 2006

Los Angeles Chapter Plant Tour

Time: 6:00 pm

Plant Tour: LeFiell Manufacturing Company

To all ASM Members -

With the release of the annual yearbook and directory, it has been brought to the attention of the Executive Board that personal or business information shown for members may be outdated and therefore no longer valid. In order to provide the most up-to-date information available, we urge each and every member to update their profile as necessary at the ASM International website (www.asm-intl.org). The process is simple, and should only take a few minutes. This will allow both the National and local chapters to update their records and ensure an accurate listing for the directory and other chapter correspondences. As always, we appreciate your participation and support at both the national and local levels.

*Richard Schreiman
Chairman, Los Angeles Chapter*

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ASMQuadNews@hotmail.com

Los Angeles Chapter, Joint Meeting With MHTA

Kolsterizing® Surface Hardening for Stainless Steels

Presented by *Paul Dymond, Bodycote Thermal Processing, Director of New Business Development - Aerospace*

Kolsterising® is a unique surface-hardening treatment specifically for austenitic stainless steels. It is accomplished by the diffusion of carbon atoms at low temperature into the surface layer. Conventional carburizing results in a hard surface layer, but chromium carbides are formed at grain boundaries which result in the loss of corrosion resistance. In Kolsterising®, a surface hardness of 1000 to 1200 HV0.05 is typical due to the high compressive stresses formed during diffusion, but due to the lower temperature no carbides are formed thus enabling the original corrosion properties of the parent material to be maintained unchanged. The resulting material has a combination of properties generally only achievable by the combination of two or more separate processes. The process is best suited to applications where there is the potential for sliding wear between two surfaces, or where galling is a particular problem. Additionally, in smaller sectioned components, fatigue life can be extended, and the resistance to stress corrosion cracking and pitting increased substantially.

Biography: Paul graduated in 1980 from Loughborough University of Technology in England with a Bachelor of Technology with honors in Metallurgical Engineering and Management. After working in the precision casting industry for 10 years with Sterling Metals, he joined Bodycote (Blandburgh Nemo as it was then known) at Woodford, near Manchester, UK, as Chief Inspector. The next 10 years were spent heat treating and vacuum brazing parts primarily for the UK and North American aerospace industry, specializing on the development of solution heat treatment cycles for single crystal materials. In 1994, Mr. Dymond came to the USA to start up Bodycote's first heat treatment facility in North America, a 'one-stop shop' HIP and vacuum heat treatment services in London, OH. In 2001 Bodycote began offering the Kolsterising® process to the North American market.

WHERE:	So. Cal Gas Co. Energy Resource Center 9240 East Firestone Blvd. Downey, CA 90241
TIME:	6:00 pm – Social (Bar Sponsored by Bodycote) 6:30 pm – Dinner 7:00 pm – Presentation
WHEN:	Wednesday, January 25, 2006
COST:	\$25.00 members (with RSVP) \$30 at the door \$15.00 students with ID
RSVP:	Fred Minter (714-993-3479) frederickminter@sbcglobal.net

South Bay Chapter Meeting Announcement

AMS 2750 Rev D

Join us for a spirited round table discussion of the latest revisions to AMS 2750.

Many changes were incorporated into the new revision, which will impact heat treaters especially, but also other manufacturers who must maintain compliance to this specification.

Joining in the round table discussion will be Doug Matson, Chairman of the NADCAP Heat Treat Task Force, along with Bob Lehnen, also of the task force. Both served on the AMEC subcommittee that created the D revision.

You definitely don't want to miss this meeting. It is sure to be of benefit to everyone

For reservations please call (805)271-2242 or e-mail your request to mlkashinsky@arcturusmfg.com. We'll be looking forward to seeing you there.

WHERE:	Cirivello's 4115 Viking Way, Long Beach On the diagonal between Bellflower & Carson
TIME:	6:00 pm – Social/Dinner 7:00 pm – Round Table Discussion
WHEN:	Wednesday, January 25, 2006
COST:	\$5 - Includes all the Pizza and Beer/Sodas you can consume
RSVP:	Marc Kashinsky (805)271-2242 mlkashinsky@arcturusmfg.com

* The South Bay Chapter is also looking for new members for it's executive committee. Come join a dynamic organization promoting the materials industry, while providing a great networking experience.

For more information please contact Phil Fuentes at felipe.fuentes@honeywell.com

San Fernando Valley Chapter,

Joint Meeting With SME Chapter 173

Join us for a tour of the Bodycote Thermal Processing facility in Tarzana, California, which performs the following operations/services: Vacuum and endothermic heat treating; alpha case heat treatment of titanium; vacuum and inert atmosphere brazing; full range of heat treatments of superalloys and copper alloys. Participants must RSVP as space is limited.

WHERE:	Bodycote 18600 Oxnard St Tarzana, CA 91356
TIME:	6:00 p.m. to 8:00pm
WHEN:	Thursday, January 26, 2006
COST:	Pizza Provided by Bodycote
RSVP!!	Ken Daivs ken@artistryinmotion.com Note: Space is limited to 24

Survey From Our Chapter Counsel:

ASMI is currently evaluating the possibility of shifting, at least on a bi-annual basis, Leadership Days from Cleveland to another host City starting in 2007. My preference would be for a West Coast city, e.g Las Vegas.

1. Should Leadership Days stay in Cleveland? Why or why not?
2. Should Leadership Days be moved to another location/venue? Why or why not?
3. If the venue for Leadership Days was to relocate, where would you like to see it held? Why?
- 4.

BHTom@aol.com

Thank you,

Tom Matulaitis
Chapter Counsel

Los Angeles Chapter

Advance Notice: Plant Tour!

February 21st 2006

LeFiell Manufacturing Company

13700 Firestone Blvd, Santa Fe Springs

LeFiell Manufacturing Company fabricates the most critical precision tubular products in support of the commercial airplane, defense and aerospace industries.

Advance RSVP REQUIRED with Company affiliation by February 6,

RSVP to Fred Minter, (714) 993-3479

frederickminter@sbcglobal.net

Welcome New Members!

The ASM Quad Chapters welcome the following members who have joined our ranks this month.

Los Angeles Chapter

Robert C. Bowman	Andrew C. Cortez
Michael Dandurand	Keith Serv Engr Grier
Robert Praefke	Andrew Primack
Stefan Prodan	Paul Seja, Jr.
Andrew Shapiro	David-Edward Trujillo
Michael Bugante	Fabian Chapple
Justin Enrique	Craig Keffer
Raymond Lai	Aaron Lopez
Rudy Romo	Curtis Scheu
Ryan Tays	Michael The
Brian Weden	

Orange Coast Chapter

Chia Min Chan	Kevin Magrini
Robert Weiss	Patrick Oakes

San Fernando Valley Chapter

Mike Cheiky	Travis W. Gorsuch, II
Douglas B. Nord	Craig Ruthkamp
Dan Niebauer	Gary Schnittgrund
William C. Harrigan, PhD	

South Bay Chapter

Michael Chin	Mo Jafari
Nam H. Le	Brian McLaughlin
Kazuo Nagashima	Oladele Ogunseitani
Jean Daniel Saphores	Neel Sirosh
Anthony Vinter	Jonathan Monterrosa
Scott Walck	

Sustaining Members and Corporate Sponsors

We thank our Sustaining Members and Corporate Sponsors for their support of the 2004/05 season.

Los Angeles Chapter

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University of California, Los Angeles
Pierce Spafford Metals Co.
Burlington Engineering Inc.
Smith-Emery Company
Bodycote Thermal Processing
Struers

San Fernando Valley Chapter

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Pratt and Whitney Rocketdyne
CSU, Northridge
Del West Engineering
DWA Aluminum Composites
Metals Technology, Inc.
Rockwell Scientific Company

South Bay Chapter

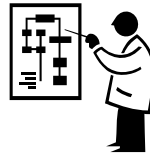
Allied Hi-Tech Products
Arcturus Manufacturing
Cook Induction Heating
Lindberg Heat Treating
Pressure Systems Inc.

Support Your Local ASM Chapter

ASM offers corporations the opportunity to support their local ASM chapters through Sustaining Memberships and Corporate Sponsorships.

Sustaining member benefits include full member benefits for a single member of your company (includes AM&P magazine, member savings on registration for ASM conferences and expositions, education and training programs and publications, ability to vote on society issues), recognition by the local chapter at monthly meetings and recognition in this newsletter.

Corporate sponsors support the local chapters directly and receive recognition, but do not receive ASM membership benefits.



Employment

In future newsletters, we will use this space to post information about open positions. If you would like to advertise an opening at your company, please email us at ASMQuadNews@hotmail.com.

Job seekers and corporations seeking employees can check out the resources on our website or the national website.

Quad Chapter Job Website

<http://www.asmwest.com/general/joblead.html>

ASM International Career Center

<http://www.asminternational.org/CareerCenter>

Advertising Rates

We are pleased to offer advertising space within this newsletter. Take advantage of this opportunity to reach over 1000 materials professionals in the LA area.

Business Card (1/10 page)	\$20
1/8 page	\$25
1/4 page	\$50
1/2 page	\$87.50
full page	\$150
back 1/2 page	\$150

* 10% discount for full year purchase, 8 issues September-May (no December newsletter.)

To advertise in this newsletter, contact us at ASMQuadNews@hotmail.com.



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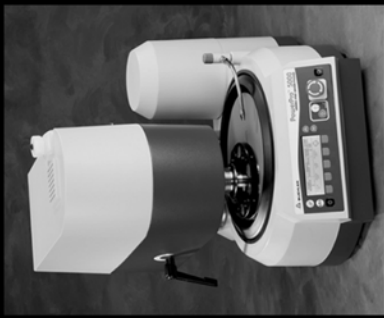
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For further information contact:

Chuck Driesler, Sales Engineer
Tel: (949) 458-8885
Http://www.buehler.com
Email: Chuck.Driesler@Buehler.com



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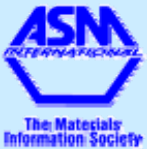
Apex® System

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inieves@uci.edu

San Fernando Valley Chair
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ken@artistryinmotion.com

South Bay Chapter Chair
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mlkashinsky@hotmail.com



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ASM Quad Chapter Newsletter
18600 Oxnard St.
Tarzana, CA 91356

January 2006

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