



The Manufacturing Society
Northern Lights Chapter # 370

The Northern Lights

March 2008

For the latest information check-out
<http://chapters.sme.org/c370/>

If you would like to be added to our monthly newsletter visit:
<http://maillists.bijouenhancements.com/lists/>

SME Northern Lights Chapter 370 proudly presents

Henkel-Loctite Structural Adhesives

Presented by David Haining, B Sc

(Sr. Adhesive & Sealants Sales Specialist - Henkel Can. Corp.)

There is a long history of adhesives being used in manufacturing. More and more, industry is turning to adhesives to solve ever more complex manufacturing issues. Whether it's the joining of dissimilar substrates that typically can't be welded, bonding low energy plastics, or using an adhesive with a welding process, adhesives offer an alternative opportunity to enhance a manufacture's competitive edge. Often, the use of adhesive requires dispensing equipment that bring consistency to the application process, providing a high degree of repeatability and accuracy. The overall result is often to increase the reliability of a manufactured product, while improving its cost.

Too often, mechanical designers are faced with the challenge of creating an innovative design, but lack the knowledge of adhesive design to make appropriate choices. In many cases, awareness of the various adhesive technologies is needed to take a design to the next level. This presentation aims to accomplish just that: to give designers a basic understanding of the advantages of using adhesives in a manufacturing environment. It also seeks to educate designers on the latest innovations in adhesive design, and to introduce other considerations such as the proper design adhesive joints. We will also review the various equipment dispensing solutions for each sub-chemistry of adhesive, with hands on demonstrations and video analysis. Hand outs from this presentation will include the Adhesive Sourcebook Volume 7, design guides for bonding various substrates, and samples to take home.

About Our Speaker:

David Haining is the Senior Sales Representative for the Loctite Industrial Divisions of Henkel Canada Corp. He earned a Bachelor of Science degree from the University of Calgary in 1987, and has been with Loctite for over 18 years. His business focus is to work with maintenance facilities on helping them improve equipment reliability, and with manufacturing industry on designing adhesives into their production process. David enjoys running in his spare time, as well as chasing a little white ball around green environments

WHERE TO GO!

University Faculty Club
11435 Saskatchewan Drive

Wednesday, March 12, 2008

Social Hour: 5:30 to 6:30 pm

Dinner: 6:30 to 7:30 pm

Presentation: 7:30 pm

PLEASE NOTE NEW COST STRUCTURE.

COST: \$30 members
\$30 first time guests
\$40 non members
\$10 student members
\$15 student guests

Member pricing is always extended to members of other technical societies such as ASM, AWS, CWA, NACE, CSME, ASME, etc.

Please RSVP by 4:00 pm. Monday, March 10, 2008.

RSVP Online for our event at

<http://maillists.bijouenhancements.com/sme/>

PLEASE DO NOT "REPLY" TO THIS NEWSLETTER

The SME Northern Lights Chapter normally holds technical meetings on the second Wednesday of each month except for the month of July and August.

REMEMBER...

Students and student members that attend the SME dinner meeting have a chance to win a FREE dinner drawn at the end of the meeting.

Northern Lights Chapter Executive 2008



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Tom Clarke of Weldco-Beales Manufacturing in Edmonton, as well as committee member for the 2008 LARGEST Lean Conference ever to be held in Toronto October 20 to 24, is asking associations to take a look at their operations and their best practices and see if you are doing something great that manufacturing needs to hear. In order to sustain manufacturing in North America we are going to have learn from each other on how to adopt best practices. Conferences like the one being held this year in Toronto provide this networking and sharing opportunity. The week is filled with people eager to learn how to make their companies GREAT.

You will get one hour to share your experiences and best practices with those people. The link below is on the AME website. The document is the presentation submissions form and provides details about the responsibilities and criteria for the presentation. Please have a look and if you believe you have something people in manufacturing should hear then save a copy of the form to your hard drive, fill it out and submit it to Alicia Puim at: apuim@hotmail.com Alicia will then forward the submission to the conference committee for review. This conference will be the best ever!



Details at:

<http://www.ameconference.org/Toronto/documents/CFP.doc>

Thank you...

for reading the *Northern Lights*. If you are interested in presenting at a SME dinner, please contact Sherif Labib at sherifl@wellquip.ca. Kindly include the field you are working in and the subject you are interested in presenting to the chapter members and guests.

Remember to keep SME information current

- We do not wish any of our members or friends to miss a newsletter. Please make sure to inform the newsletter editor of any changes to your email or employment address.
- If you have any newsworthy stories or information, we would be pleased to include it in our newsletter, subject to editorial approval.
- If you know of anyone who would like to receive this newsletter, please send them to <http://maillists.bijouenhancements.com/lists/>. The best part about it—it's FREE!!



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The Northern Lights Highlights

SME Northern Lights Chapter 370 Annual Seminar

On February 22, 2008, the SME Northern Lights Chapter held its annual day long seminar. This year's topic, presented by Gary Loblick of Winslow Group, was "Fundamentals of Lean and World Class Manufacturing." Gary spoke of the factors that contribute to a successful plan to implement a lean manufacturing operation. Some of the factors that need to be considered is management's involvement to lead the company, choosing the appropriate metrics to measure the efficiency of an operation or process, and motivating the staff to implement a successful lean program. Gary also presented data on the financial benefits of a lean program and the positive affects of employee morale. The seminar was very enlightening on how to start to implement a lean manufacturing program and the associated factors to make it a successful one.

On behalf of the SME Northern Lights Chapter, a very appreciative thank you to Gary Loblick for taking the time to be this year's spokesperson. An additional thank you to the organizing committee of Calvin Austrom, Andy Hanson, Graham Kawulka, and Neil Kuncio for volunteering to organize the seminar. And a final thank you to all of the people that attended the event. Your interest in coming to these seminars is the reason why these presentations are put on.



People listening in on Gary's presentation.



Gary answering some questions.