



# SPEC *Sheet*

**SOCIETY OF PLASTICS ENGINEERS – CLEVELAND SECTION**

April 2013 Vol. 56 No. 8

[www.specleveland.org](http://www.specleveland.org)

Editor: Bruce Bille

## **Tour of The Lincoln Electric Company**

**Monday, April 8, 2013**

22801 St. Clair Ave.

Cleveland, Ohio

### **Agenda:**

- 4:00 Board meeting in the Visitors' Center
- 4:45 Guests assemble in Auditorium for beginning of tours
- 5:15 Tours begin; 1 guide/10 guests
- 6:15 Catered dinner served in the Auditorium



**Price:** Member and/or guest \$20.00  
Retired \$20.00

Reservations must be made by noon on **April 4<sup>th</sup>** to Gary Casterline  
at [gcasterline@gmail.com](mailto:gcasterline@gmail.com) or 330-240-2543.

**Registration must include your first & last name, company, and title**  
so that Lincoln Electric can provide the list to their Security Department.

### **2012 – 2013 Section Officers and Board of Directors**

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## ***About the Tour***

Lincoln Electric Company's Corporate Headquarters building is approx. 1.6 million square feet in size. It is the largest facility in the world solely dedicated to the manufacture of welding equipment and consumables.

Our Machine Division, which is based in our main Corp. Headquarters building, offers a 1 hr. tour which covers the general process of our unique piece work/Incentive Management compensation as well as the manufacturing & assembly process of our welding machines. During the tour, we also like to touch upon our Welding School history as well Machine Research & Development areas.

### **Supporting the visit:**

Doug Lance, VP Operations

Lee Seuffer, Director Manufacturing Engineering

Kim Finch, Customer Experience Coordinator

### **Plant Tour Guidelines:**

- No open-toed shoes are permitted.
- Safety glasses with side shields and hearing protection are required and will be provided.
- Due to the amount of walking, visitors must be mobile, no crutches are permitted.
- Cameras and all recording devices strictly prohibited on the manufacturing assembly floor.

## ***SPE Cleveland Membership***

The Cleveland Section of the Society of Plastics Engineers now has 208 active members and 124 have let their memberships lapse. The Cleveland Chapter, once one of the largest in the country, is now the 15<sup>th</sup> largest Chapter of the SPE, with Detroit, Chicago, New Jersey-Palisades, South Texas, and Milwaukee Chapters being the top 5.

Please encourage your co-workers to join or re-new their membership in this valuable professional society!

Join SPE  
Cleveland  
Section!

## **SCREW TIPS**

### **FOR PLASTIC INJECTION MOLDING**

**3 PIECE RING VALVES**

**5 PIECE RING VALVES**

**BALL CHECK VALVES**

**POPPET CHECK VALVES**



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## President's Message

By Gary Casterline

Hi everyone,

I hope you sports nuts are enjoying "March Madness". That should be one of the signs of spring, but I guess we are getting our April Fools joke of snowy weather instead. My son convinced me to join his fantasy baseball league so I will have to spend a lot more time on figuring out which of my players is going to show up and play good baseball every week. What else would I do with my free time? I do like to golf, but some people would say that is far from what I do when they see me on the golf course. All of these pursuits are about being the best or at least watching the best. It feels good whether you are amazed at what others are doing making three pointers or home runs or even whether I make that long putt to win a dime from a friend. Enjoy your own pursuits that take you away from work for a little escape from reality.



One company that has had their share of things to feel good about is Lincoln Electric. Started in 1895 and still doing well. They were an innovator and continue to develop new products. I am really looking forward to seeing their operation. Time will not permit seeing everything, but we will see the plastic molding area and we will have the chance to ask about other plastics usage. I know my company makes knobs for their equipment out of phenolic so that is a more specific use that I am aware of. It should be very interesting, so please meet me there for some knowledge and good food.

Gary Casterline

## Upcoming Events

Industry Events			
Month	Date	Topic	Location
April	22-24	ANTEC 2013 ( <a href="#">Click Here</a> for more information/registration)	Duke Energy Convention Center Cincinnati, Ohio, USA

The Society of Plastics Engineers (SPE) is announcing a new **FastTrack** training program which will be held April 24-25, 2013 in Cincinnati. FastTrack is being held in conjunction with ANTEC 2013, the SPE's annual technical conference.

Five different courses will be offered, covering areas of most relevance to today's plastics professionals. The two-day courses are Injection Molding Troubleshooting: A Virtual Workshop, Extrusion of Engineered Plastics and Thermoforming Process Technology. One day instruction will be offered on Screw Design Fundamentals and Design and Processing of Medical Devices.

Single-day course fees are \$695; two-day course participation is \$1,195. Discounts are available for groups of three or more. Fees also are reduced for single-registrant combinations of one- and two-day courses. Fees include materials, lunch and beverage breaks. To register, or for more information: [www.ptifasttrack.com](http://www.ptifasttrack.com) or call 419 867-5424.

SPE Cleveland Section Upcoming Programs			
Month	Date	Topic	Location
May	5/13	Awards	Cleveland

## In Memorium

**Don Haeske**, a long-time member of the SPE Cleveland Section and former Treasurer of the organization passed away on March 19<sup>th</sup> at the age of 86. Don earned a Bachelor's Degree in electrical engineering from the U.S. Naval Academy at Annapolis, MD and a Master's Degree in chemical engineering from Yale University. WWII and Korean Conflict U.S. Navy Veteran. Don achieved a Distinguished Toastmaster Award from Toastmasters International. He enjoyed tutoring college students in mathematics and engineering and was an avid reader.



Services were held on Sunday, March 24<sup>th</sup>, at the Chambers Funeral Home on Rocky River Drive. A graveside service was held on March 26<sup>th</sup> at Blossom Hill Cemetary in Concord, NH. Our thoughts and prayers are with his family. His obituary can be viewed on-line using this link: [http://bit.ly/SPE\\_Haeske](http://bit.ly/SPE_Haeske)

## ANTEC 2013

ANTEC 2013 is being held right down the road in Cincinnati, OH, from April 22-24 at the Duke Energy Convention Center. Plenary Speakers scheduled:

### “Fractal Structuring in Polymer Processing”

-- Han Meijer, Professor, TU/e: Eindhoven University of Technology

### “New Polymer Materials Developed in SINOPEC”

-- Dr. Jinliang Qiao, Vice President, SINOPEC Beijing Research Institute of Chemical Industry

### “Abundant U.S. Shale Gas Supplies Are Revitalizing the Plastics Industry”

-- Dwight N. Tozer, Vice President, Adhesion Industry Business, ExxonMobil Chemical Company

### “Driving Innovation in the Wire and Cable Industry”

-- Gregory J. Lampert, Executive Vice President, President & CEO, The Americas General Cable North America

### Questions? Contact us:

Mark Spalding	Barbara Spain
Technical Program Chair	Events Program Manager
989-636-9849	203-740-5418

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## **SPE - Cleveland Section S03**

### **March 11, 2013 Board Meeting Minutes**

Jerry Blayne opened the meeting at 4:40 PM with 3 members present.

**Present:** Jerry Blayne, John Sovis and Brian Sarvas.

**Treasurer's Report:** Jerry Blayne distributed copies and reported. Beginning Balance = \$32,235.45, Income=480.00, Expenses = \$470.00, Ending Balance = \$32,245.45. John Sovis motioned to accept the report, Brian Sarvas seconded and the motion carried.

**Secretary's Report:** Jerry Blayne motioned to accept as printed, John Sovis seconded and the motion carried.

**National Councilor's Report:** No Report.

**Program Report:** The current meeting is administered by the Akron Section.

**Advertising:** No report.

**SPEC Sheet / Web site Report:** No report.

**Membership:** No report.

**House:** The current meeting was being administered by Akron.

**Education:** No report.

**PIC:** No report.

**Awards:** No Report.

**Old Business:** Jerry Blayne reported there have been 10 responses to the Section status letter, 6 to revitalize and 4 to merge.

**New Business:** No new business.

Brian Sarvas motioned to adjourn the meeting, Jerry Blayne seconded and the motion carried. The meeting ended at 5:25 PM.

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## ***Nearly Indestructible Polymer Found from Alien Spacecraft***

The bright streak of light in the February skies over Russia which left 52 people hospitalized, including 13 children, were reported to be meteorites between 60-100' in diameter.

However, the search for the meteorite parts at Chebarkul Lake has been stopped. The huge ice hole found at the lake on Friday "has formed because of a different reason," the Vice-Governor of

Chelyabinsk region Igor Murog told Interfax-Ural.

A U-shaped object is currently under inspection by Russian scientists, after being covertly removed under cover of night from the site.

The object is reportedly constructed of a highly durable polymer which is resistant to friction, heat, ultraviolet radiation, and is able to withstand temperature extremes.

More information on this possible alien spacecraft discovery will be released on April 1<sup>st</sup>.

