



# SOCIETY OF PLASTICS ENGINEERS

## BLOW MOLDING DIVISION

Volume 2013 Edition 2



### SOCIETY OF PLASTICS ENGINEERS

# ANTEC 2013

The Blow Molding Division presence at ANTEC 2013 was significant. Two members of the Division were inducted as Honored Service Members. The division received the Gold Pinnacle award and was also recognized with the Excellence in Communication award.

At the annual business meeting the Andres Garcia Rejon Best ANTEC paper was awarded to Diane Hahm from Dupont. The financial status of the Blow Molding Division is in good condition. Blow Molding Session was held on April 22 with six papers presented.

The 29th Annual Blow Molding Conference to be held on October 8th & 9th at the Crowne Plaza Perimeter at Ravinia, Atlanta, GA is well underway and looks to have an outstanding program.

Become an active member of the division!

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*Marketing Co-Chairs*

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*ABC Conference  
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**Deirdre Turner**



Willem de Vos, Mark Heitker (*Honored Service*), Don Peters (*Fellow*), Ben Lopez Chairman with Pinnacle award, Jon Meckley (*Honored Service*), Tim Wormer

Get ready for

# ABC 2013

29<sup>th</sup> Annual Blow Molding Conference

October 8<sup>th</sup> & 9<sup>th</sup>, 2013

**Crowne Plaza Atlanta Perimeter at Ravinia**



*Become  
a member*

*Join the  
SPE  
Blow Molding  
Division*

## Chairperson's Message



Dear SPE Members, Colleagues, and Friends,

Please permit me to mark the beginning of my tenure by first paying tribute to the enthusiasm, leadership and management skills shown by our former Blow Molding Division Chairman, Benjamin Lopez. Under Ben's direction, this board has had many accomplishments including expanding the breadth of our ability to provide college students with additional funding for studies related to the blow molding process, travel and registration expenses to conferences, assisted academia in upgrading their training assets as well as support the Society's ANTEC event. In addition, under Ben's guidance, the Division was awarded both the Communication Excellence and Pinnacle Gold Awards by the Society, two very distinguished honors. Congratulations to Ben on these accomplishments and I look forward to continuing his path of successes and working with him in his new role as Past Chair.

I would like to also thank each of the Directors for their participation in the Division's past successes and also in advance for their continued energy, fervor and contributions to our future accomplishments. However, it is very appropriate to make special recognition of the hard work of Mark Heitker, past Secretary and Lew Ferguson, past Membership Chair for their outstanding dedication and service over their terms. Their unwavering commitment to their individual responsibilities, the overall mission of our board and to the Executive Committee has set the standard of continuance very high. Each of us is lucky to have their continued active participation.

As many of you know, the Blow Molding Division is hard at work organizing our own ANTEC, the Annual Blow Molding Conference (ABC). ABC 2013 will be our 29<sup>th</sup> consecutive year hosting our signature forum dedicated exclusively to the blow molding process and will be held October 8th and 9th at the Crowne Plaza Atlanta Perimeter at Ravinia. Over the years the event has grown in size and stature and is considered a "must attend" conference by many within the industry. Along with each Director, we welcome and encourage your attendance, sponsorship and participation and request that you check our website, [www.blowmoldingdivision.org](http://www.blowmoldingdivision.org), as we work toward finalizing the program.

As the conference program highlights (included within this newsletter), over the course of the two full-day curriculum, this year's event will again bring together true industry experts generously willing to share their knowledge regarding the most current advancements in process control, equipment, materials and their pricing futures, governmental regulation, recycling, colors & additives, etc. Presenters will be discussing information and development's representing organizations such as Ford Motor Company, Uniloy-Milicron, IHS Chemical, Amcor, ACC, PlasticsNews, Kautex, KW Recycling, Plastics Technologies, and Coca-Cola.

In addition to the general and break-out sessions to which many have been accustomed to, the Board is pleased to inform that due to popular demand, the always engaging and exciting "Plastic 101s" will again be conducted covering topics integral to the continued successful operations of all blow molding companies.

ABC 2013 truly presents the marquee opportunity to network with others that can also speak to how the blow molding process impacts our lives so dramatically by providing innovations and solutions across so many applications. Please visit our site to register or contact Deirdre Turner at [dturner@earthlink.net](mailto:dturner@earthlink.net) as facility capacity will surely be met.

I look forward to working with my fellow Board members to advance the goals of our Division. I hope you'll join us and share in the opportunity to lead, educate, inform and acknowledge all the great things about this unique industry!

Very much looking forward to seeing you in Atlanta!

Best Regards,



Jeffrey Light, Chairman  
SPE Blow Molding Division

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Annual Blow Molding Conference,  
October 9–10, Pittsburgh, Pa.*

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# ABC 2013 Sponsor Highlights

**N**issei ASB Machine Co., Ltd, has developed the new “ASB-12M” machine, and now announces its global launch. The ASB-12M is a one-step injection stretch blow molding machine which can produce jars and bottles directly from PET and other types of plastic resins in one machine. With the introduction of this machine to the ASB Series line-up, Nissei ASB offers a completely new solution to the many customers that have been requesting a large neck sized container from a small scale fully automatic machine. With the huge success and experience of the 100% built-in-India ASB-50MB entry model, that has now sold over 1,700 units, Nissei ASB has designed and manufactured the ASB-12M with a combination of Japanese know-how together with the well proven quality and reduced cost of its Indian manufacturing unit. From parts procurement, processing, assembling to molding test, every process of production is carried out in ASB’s factory in India. While achieving reduced manufacturing costs, the machine has higher productivity, plus advanced specifications and functions such as vastly improved energy consumption. The ASB-12M is an all new machine based on an amalgamation of the India-made ASB-50MB which boasts fantastic cost competitiveness together with the higher specification Japan-made ASB-12N/10 having an excellent reputation of versatility to manufacture a wide variety of containers in PET and various other plastic materials.



Prior to this global debut, multiple units of the ASB-12M have already been sold and have been operating under field tests at several of our customer’s plants in the India market. With minor refinements from the results of the field tests, the final release version of the ASB-12M has now been developed to be sold into the global market.

**H**awkeye Preferred Tooling Group is a full service blow mold manufacturer located in Charles City, IA. Hawkeye specializes in industrial blow molds for a number of markets and has developed many types of In Mold Finishing for blow molds. Hawkeye has recently completed a building expansion to double the manufacturing floor space. Housed within the new addition are (2) Placo 3-D sequential co-extrusion blow molding machines, a Hartig 30lb conventional blow molding machine, a Toshiba 120 ton injection molding press, a 230 ton Van Dorn injection press, and a 300 ton Van Dorn injection press along with material dryers, mixers, and grinders. These machines will be available for mold sampling, prototyping and development work, and resin trials. There are also two Fanuc 5 axis robot’s for blow molded part trimming and finishing. Hawkeye supports all facets of industrial blow molding by designing and building: blow molds and injection molds, head tooling, secondary finishing and test fixtures, In Mold Finishing for blow molds, blow stands, mold repair and maintenance, and blow molded part design assistance. Hawkeye’s website is [www.hawkeyepreferreddtoolinggroup.com](http://www.hawkeyepreferreddtoolinggroup.com) .



# ABC 2013 Sponsor Highlights

**R**&D/Leverage® is the first U.S. mold maker and Structural Brand Development Company to be certified "Made in the USA®," according to Robert Schiavone, Global Marketing Director for the company, which is the full-service plastic product solutions company that created the "Idea, to Mold" business model. The announcement from Made in USA Certified, the leader in independent third-party assurance verification for genuine Made in USA products and services, underscores the acceleration of U.S. on-shoring of manufacturing and the concurrent rise of interest in U.S.-sourced products and services amongst customers, the general business community and current and future employees. "We are proud of our Made in the USA designation, for both our own accomplishments and because it represents the strength and innovation of the U.S. Plastics industry," said Schiavone. "Belief in our country's manufacturing prowess has never been greater. Frankly, the scope, strength and innovation of our homegrown Plastics industry is a beacon to all industrialized nations that the U.S. is firing on all cylinders." The enhanced problem solving capabilities and scope of expertise of full-service domestic solutions providers such as R&D/Leverage have helped accelerate the flow of project on-shoring to the U.S., as have factors such as rising transportation and labor costs in the Pacific Rim. "When you examine all the elements of the job, from quality to time-to-market, to overall cost, the U.S. plastics solution is extremely attractive to our customers," Schiavone said. "And for those customers seeking certification will look for suppliers that already have won the designation." "Experienced military veterans as well as younger folks, two groups that will help lead us in our business' future, respond very positively to the Made in the USA designation," he said. "This is a banner that will help us attract the best and brightest of tomorrow's Plastics industry superstars, and re-ignite interest in U.S. industry amongst some just entering the workforce."



**R**ocand is pleased to announce the expansion of its technical capabilities with the addition of three new 5-axis, high-speed, DMG Milling Centers. This investment is justified by the important growth Rocand's molds demand around the world. This state-of-the-art equipment allows Rocand to deliver high tech molds in a short delivery time. Rocand is recognized by its customers as a worldwide leader in designing and manufacturing extrusion-blow and high-tech injection molds for the Automotive and Electric and Electronic Systems industries. Based in Quebec City, Canada, Rocand has four Technical Support Centers located strategically in Brazil, France, Germany and Mexico to serve its worldwide customers.



Visit us during the 29<sup>th</sup> Annual Blow Molding Conference at Booth #35 in Atlanta, GA on Oct. 8<sup>th</sup> and 9<sup>th</sup>. We will be looking forward to welcoming you to explore new business opportunities. Visit our new website [www.rocand.com](http://www.rocand.com) or meet us in <http://www.youtube.com/rocandinc>.



Machine	Work area dimensions (Width x large x height)	Weight of pieces
DMU 100	1,150 mm X 710 mm X 710 mm	800 kg
DMU 210P	2,100 mm X 1,800 mm X 1,250 mm	8,000 kg
DMU 340P	3,400 mm X 3,400 mm X 1,600 mm	16,000 kg

# ABC 2013 Sponsor Highlights

**C**reative Blow Mold Tooling believes continuous operation is an important factor to their customer's bottom-line. In 2013, Creative Blow Mold Tooling (CBMT) expanded their services to include 23HR Emergency Blow Mold repair. They work hard to make sure their customers can maintain their production schedules by providing rapid turn-around time on all repairs for their customers. Recently, CBMT completed their building expansion project to include a total of 19,000 sq.ft. of manufacturing space. With this additional building capacity, CBMT has purchased larger capacity CNC machines with increased travel distance minimum 4-axis capabilities, strengthening partner relationships with their customers; shortening their on-time delivery. Quality is critical to the success of every mold, component or tool they manufacture. The addition of Creative's enclosed Quality Lab provides their customers with a dedicated mold inspection area, confidentiality for protection of intellectual property rights and access to state-of-the-art inspection equipment, manufacturing details, and engineering and quality staff personnel. During their 29 years in the industry, CBMT has developed expertise with all types of applications, end markets, and blow machines spanning the blow mold industry. This expertise, combined with their depth of resources, enables them to work with their customers from initial idea to consumer. At Creative Blow Mold Tooling...*We build it right...Every time...On time.*



**Y**upo Corporation, the world leader in synthetic paper, will soon take packaging to a whole new level. The innovative "eye-popping" technology will change the face of package design and cause a stir in the industry with its ability to elevate consumer brands like never before. "In order to remain an industry leader in the synthetic paper niche, research and development of new technology is an absolute," said Bill Hewitt of Yupo Corporation. "The upcoming product launch is sure to turn the way brands market themselves on edge, which is always a good place to be in the marketplace. We can't wait to share it with our customers." Yupo will unveil the news on its Facebook page in the near future, so our YUPO community will be the very first to know. To be one of the first to discover Yupo's latest and greatest, add YUPO Synthetic Paper to your "likes" and be sure to keep an eye out for the really big news.



# wentworth mold

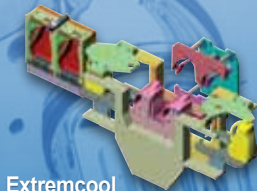
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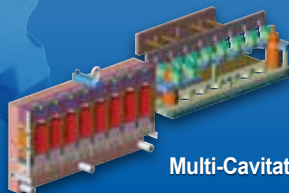
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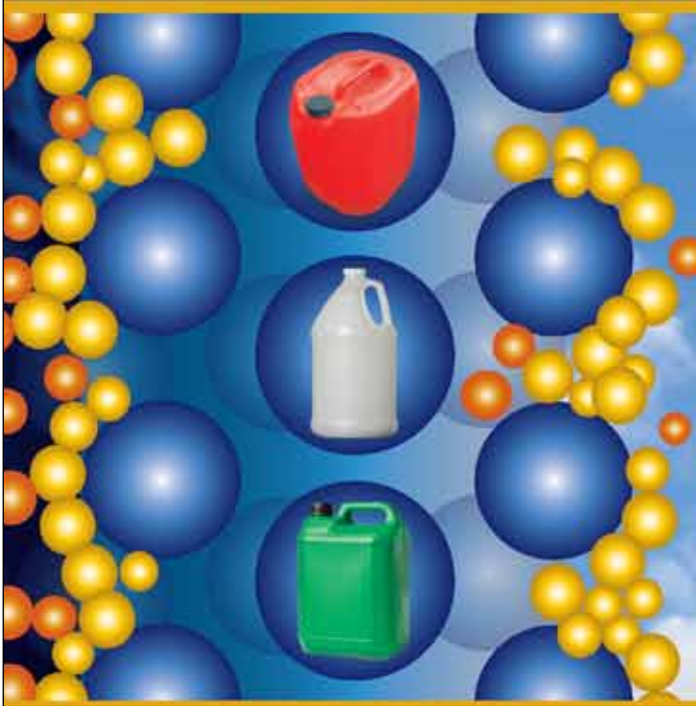
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281.578.1440

Graham Engineering Corporation  
Continuing Education

# Grant Program

The Blow Molding Division of the Society of Plastics Engineers and Graham Engineering Corporation co-sponsor a program for continuing education of blow molding industry workers. By making financial resources available to Blow Molding Division member companies, this program will assist more people in obtaining continued education in blow molding and improve their job-related skills.

Up to \$500 per person is available to attend an SPE Blow Molding Conference, an SPE Seminar in Blow Molding, or other program applicable to blow molding.

### Eligibility Criteria:

1. The employee must be a full-time employee of one of our member companies (having at least one current member of the SPE Blow Molding Division).
2. The employee's job function must be blow molding related.
3. The employee's academic training must not be higher than Associate Degree.
4. The employee must have company recommendation and support.
5. Costs exceeding \$500 will be the responsibility of the employee or employer.

### How to enroll:

1. Submit a request to the Blow Molding Division at the following address:  
**Agri Industrial Plastics**  
Attn: Geoff Ward  
301 N. 2nd St  
Fairfield, IA 52556  
[geoff.ward@aipcompany.com](mailto:geoff.ward@aipcompany.com)
2. Include a letter of support from your company.
3. You will be notified of acceptance before the event that you wish to attend.

## **Plastics Futures Complete the Supply Chain, Now Fed by the Shale Frenzy**

*by Kathy Hall*

Although they were launched several years ago, the existence of the CME's suite of cleared petrochemical and plastics futures contracts is still news to many people. While liquidity has been gradually growing, the contracts are catching the attention of a new audience thanks to a confluence of factors in geology and legislation. The evolution of the US base petrochemical and plastic resin markets has largely reflected the movements in both areas, which has been declared an historic time for North American manufacturing economics.

In 2008, the CME launched ClearPort contracts for ethane, propane, butane and natural gasoline (collectively known as the natural gas liquids or NGLs). The contracts were, in some respects, a reaction to the growing demands of a constricting credit market. Instead of having open credit lines with scores of counterparties, the efficiencies of ClearPort helped keep these commodities' spot markets liquidity going strong. Looking back, the timing was perfect from a credit efficiency perspective.

At the same time, the CME launched two polyethylene and two polypropylene contracts. These were received with some skepticism. Spot PE and PP markets had spent decades operating in relative opacity. Similar contracts launched in 2005 on the London Metal Exchange appeared to be floundering.

Most of all, the participants in PE and PP markets were nearly always producers and consumers of the materials. Physical delivery was an important factor in these markets, and standardized grades and terms were new ideas – or regarded as something that happened in other markets, not resins.

In the meantime, directly upstream from polyethylene and polypropylene and directly downstream from ethane and propane were the emerging ethylene and propylene markets. Known as base chemicals or chemical monomer markets, they are akin to crude oil in that they must be refined to make a product that has direct use by manufacturers.

Ethylene and propylene are gases, made by cracking ethane and/or propane with steam technology. They are transported around the US Gulf and certain parts of the Midwest US and Canada by specific pipelines. The gases must remain nearly 100% pure in order to make polyethylene and polypropylene, among hundreds of other chemicals used in industries such as cosmetics, vinyl, ink, synthetic fibers and industrial cleansers.

As with any gas market, like natural gas, a pipeline market requires a hub location in order to standardize pricing mechanisms. Much as with the Henry Hub for nat gas, the Williams Companies established a common carrier storage center and pipeline system for ethylene, while Enterprise Products established one for propylene, both in Mont Belvieu, Texas.

These markets, which spent decades operating with a marginal and fragmented spot market, began trading on a daily basis. Recognizing this "missing link" between the NGLs and plastics inspired the CME to launch cleared contracts for ethylene in 2009 and for propylene in 2010. These contracts found immediate success, as many of the market's participants were already active in the upstream NGLs contract markets.

In addition to the credit efficiencies the contracts brought to the ethylene and propylene markets, they also allowed those trading the NGLs to extend into markets that had natural correlations to contracts they were already trading.

Petrochemicals remain less visible than energy markets in that entities such as the EIA don't monitor them with the same detail as refined products. However, developing legislation around speculative and position limits made it clear that extending into chemical markets provided another point on the supply chain down from crude and nat gas to trade.

*Continued on next page*

And so, the next extension of this trend would be into the PE and PP contracts – which by 2010 had already been listed on ClearPort for two years. Manufacturers who already hedged their fuel and power risk began considering managing their packaging risk.

As the spotlight again shone on the PE and PP contracts, geology came into play. The discovery of shale throughout certain areas of North America -- and the technology to extract an abundance of crude NGL-rich natural gas -- set off an investment boom to build assets that could capitalize on these resources.

Since 2010, every major petrochemical company has announced plans to build ether and ethylene production complexes, drawing on ethane reserves or a propane-based propylene production complex..

As with nat gas, the exportability of ethylene and propylene is not easy, and the products are most often refined and converted into commodities that are easier to ship internationally, such as polyethylene or polypropylene pellets.

These pellets, which are melted and used in thousands of applications such as automobile and aerospace vehicle manufacturing, film and packaging, clothing, electronics, toys, pens, printers ... they are truly ubiquitous. As with fuel, nearly every manufacturer on Earth has exposure to packaging costs, and most industries use plastic parts in some aspect of their manufacture.

But, as with any emerging market, for any company that has never traded a certain commodity before, staking out positions can pose a sense of risk or trepidation. What if the counterparties don't perform? What if I want delivery of the material and it's not the quality I expected, or if it's delivered to an inconvenient location?

The CME has seen this before – with the heating oil contract launched in 1978, with the crude oil contract launched in 1983, with the natural gas contract launched in 1990. And that experience has been enriched by continuing regulation to protect those in the marketplace.

The CME contracts for ethylene, polyethylene, propylene and polypropylene come at a time when many concerns about market integrity have already been addressed by regulators.

And the shale boom is beckoning for players from all over the world to trade these markets and build a vast, sustainable, profitable risk management tool.

*Kathy Hall is the Executive Editor of the PetroChem Wire, a daily newsletter devoted to the US NGLs, Ethylene, Propylene, Polyethylene and Polypropylene markets. Its prices serve as a benchmark for the CME ClearPort contracts for these products. PCW counts major petrochemical and refining companies among its readers, as well as many major manufacturing concerns, global conglomerates, financial institutions and government agencies.*



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## THE GLOBAL INTERSECTION OF BLOW MOLDING

The Crowne Plaza Atlanta Perimeter at Ravinia will be the site for the 2013 Annual Blow Molding Conference. This premier annual event will feature industry speakers presenting segments in both packaging and industrial applications. From resin developments to machinery innovations to automation, design and safety, no topic will be missed.

### Program Will Include:

#### KEYNOTES BY:

Governor Nathan Deal, Office of the Governor –  
**State of Georgia - Welcome to Georgia**

Ira Boots, CEO, Cincinnati Milacron –  
**State of the Industry—Looking Forward with a Global Perspective**

#### FEATURED PRESENTATIONS OFFERED:

Joel Morales, Director of Polyolefins, IHS Chemical –  
**Blow Molding Resin Markets and the Impact of Shale Gas**

Mikell Schultheis, Principal Engineer, The Coca-Cola Company –  
**Renewable Materials: A Brand Owner's Perspective**

Bill Bregar, Senior Staff Reporter, Plastics News –  
**Innovations and Preview of K Show**

Dr. Mohammad Usman, Ahmad Syed, Ford Motor Company –  
**Methodology Development for Blow Molded Fuel Tank Shrinkage and Warpage Predictions**

Jeffrey Keithline, Partner, Keller and Heckman, LLC –  
**Establishing Suitable Regulatory Status of Food-Contact Materials**

Rudy Underwood, Senior Director Gov't. Affairs, American Chemistry Council –  
**Legislative Issues Driving Change**

Laurie Goetz, Director of Product Development, Amcor Rigid Plastics –  
**The Future of Design for Performance Based Packages**

Scott Pugh, Business Unit Manager,  
Sand Filtering Manufacturing, Hayward Industries –  
**Blow Molding Color Change - A Processor's Experience**

James Taylor, Business Development Manager, Printpack, Inc. –  
**Full Body Shrink Labels—Designing for Recyclability on PET Rigid**

Pippin Mader, P.E., California Air Resources Board (CARB) –  
**The Next Regulatory Requirements on Fuel Containment Systems**

Michael Pearsall, Director of Food Safety Business Development, UL DQS Inc. –  
**Choosing a Global Food Safety Initiative Standard: Which One is Right for Your Business?**

AND many more.....check out our web site.

### Plastics 101 Mini-Sessions

These comprehensive mini-sessions feature instruction focusing on the technology, processes, troubleshooting and methodologies of blow molding.

### Sponsorship & Exhibit Opportunities

Sponsorships include participation in exhibits, complimentary registrations, inclusion in all pre-conference promotions and three e-newsletters. Other sponsorship opportunities are available.

For more information about these opportunities, please contact our Conference Coordinator, Deirdre Turner, at: [dcturner@earthlink.net](mailto:dcturner@earthlink.net)

### Conference Venue

Crowne Plaza Atlanta Perimeter at Ravinia  
4355 Ashford Dunwoody Road, Atlanta, GA 30346



# BLOW MOLDING DIVISION

presents the

29<sup>th</sup> Annual Blow Molding Conference

October 8<sup>th</sup> & 9<sup>th</sup>, 2013

Crowne Plaza Atlanta Perimeter at Ravinia

*"The Premier forum for the blow molding industry!"*

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[Registration before October 8th, 2013](#)

Registration Fee: SPE Member \$475.00

Non-Member \$595.00 (This fee includes a 1 year SPE Membership)

Fee includes all materials, Breakfast, Lunches and Dinner (space limited)

**easy registration online at:**

<http://www.blowmoldingdivision.org/>

**All Major Credit Cards Accepted**

If you wish to pay by check, first register online then make check payable to SPE Blow Molding Division, sent with registration to:

Plastic Technologies, Inc.

Attn: SPE Blow Molding Division

PO Box 964, 1440 Timberwolf Drive

Holland OH 43528-0964 USA

Email: [ABC@4spe.org](mailto:ABC@4spe.org)

**Fees for Students, Press and other registration questions please contact: Linda Flowers at 419-867-5424**

For more information, to register or to make reservations visit the Division web site at: [www.blowmoldingdivision.org](http://www.blowmoldingdivision.org)



## ABC 2013 Blow Molded Parts Competition Guidelines

1. All submissions must be new to the market within the last two years and made from production tooling.
2. Parts must be able to fit on display table. If you wish to display a part large than 48 inches, please contact Lew Ferguson, parts Competition Chair at [parisonsblowmolding@gmail.com](mailto:parisonsblowmolding@gmail.com) to discuss.
3. Participating companies may submit multiple entries. Each submission must have a completed entry form and picture.
4. Completed entry forms, descriptions and photos must be sent to the Parts Competition Chair by Sept. 25, 2013. Part descriptions should include the criteria as indicated on the entry form. The company's name and contact information should be at the bottom of the description.
5. The Judging Committee may consolidate parts in categories, if fewer than 4 parts are submitted in a category.
6. No electric power connections are provided. If needed, power may be arranged through the hotel by contacting meeting services at 770-395-7700.
7. No business cards, marketing materials, laptop presentations, etc. may accompany the part in the display area. The display is intended to be an exhibit to encourage discussions and technology exchange. No sales or marketing activities in this area will be permitted; however, there are conference sponsor opportunities to do so (visit [www.blowmoldingdivision.org](http://www.blowmoldingdivision.org))
8. All shipments must follow the mailing label format as indicated in Shipping Information on the application.
9. Submitters will be responsible for collecting, unpacking and setting up their parts in the Parts Competition area located outside the ABC 2013 Exhibit Hall. Set-up hours are Mon., Oct. 7<sup>th</sup> from 3:00-7:00 p.m. and Tues., Oct. 9<sup>th</sup> from 8:00 a.m. to Noon. **All displays should be set-up by 12:00 p.m. on Oct. 8<sup>th</sup>.** For more information about shipping and retrieving your parts, contact: Mr. Del Meredith, Crowne Plaza Meetings Director at 770-395-7700.
10. Submitters will be required to pack and prepare their parts for outgoing shipment by 5:00 p.m., Wed., Oct. 9<sup>th</sup> which marks the conclusion of the Blow Molding Conference. The SPE Blow Molding Division is not responsible for any unclaimed parts after ABC 2013 concludes.
11. Submission of an entry permits the Blow Molding Division and the Society of Plastics Engineers to use part information and images in SPE promotions and publications and confirms the submitter has obtained approval to participate in the competition and publicity.
12. The Blow Molding Division winner will be announced at the ABC 2013 luncheon on Wed., Oct. 9<sup>th</sup> at the Crowne Plaza Atlanta Perimeter at Ravinia. The winner will also be entered in the SPE Parts Competition at ANTEC 2014.

### RELEASE OF LIABILITY

Submission of an entry releases from liability, indemnifies and holds harmless the Society of Plastics Engineers Blow Molding Division, Directors, volunteers, employees or agents representing or related to The Society in part or whole. This release is for any and all liability for property losses and/or damage occasioned by, or in connection with any activity or accommodations for this event. Submission of an entry further agrees to abide by all the rules and regulations promulgated by the SPE Blow Molding Division and/or its affiliate groups or vendors throughout this conference event.





## ABC 2013 Blow Molded Parts Competition Entry Form

**Entry Deadline: September 25, 2013**

**Shipment Deadline: Oct. 7, 2013**

As the premier event for the blow molding industry, the Annual Blow Molding Conference showcases the latest advancements and innovations in blow molding design and applications. This year, the SPE Blow Molding Division invites all conference attendees, speakers and sponsors to participate in the **First Annual Blow Molded Parts Competition**.

### Product Entry Submission Form

Company Information:

Submitter\*: \_\_\_\_\_

Manufacturer / Blow Molder: \_\_\_\_\_

Designer / Other Contributors: \_\_\_\_\_

Mold Maker / Toolmaker: \_\_\_\_\_

Material Supplier / Resin Type: \_\_\_\_\_

Address\*: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Postal Code: \_\_\_\_\_ Country: \_\_\_\_\_

Name of Representative\*: \_\_\_\_\_

Telephone\*: \_\_\_\_\_ Mobile Phone\*: \_\_\_\_\_ Fax\*: \_\_\_\_\_

Email\*: \_\_\_\_\_

Submitter signature and Release of Liability\*: \_\_\_\_\_ Date: \_\_\_\_\_

**Product Category:** please check one

Packaging:  Food  Beverage  Pharmaceutical  Packaging Other

Industrial:  Automotive / Transportation  Consumer Goods  Industrial Other

### Shipping Information:

SPE Blow Mold Conference  
PART COMPETITION  
Crowne Plaza Atlanta Perimeter at Ravinia  
4355 Ashford Dunwoody  
Atlanta, GA 30346  
Contact: Mr. Del Meredith, Meetings Director  
Tel: 770-395-7700

**Parts should be shipped no more than 2 business days in advance of event. Shipments will be delivered to the conference registration area outside of the exhibit hall. Each entry should be shipped with a completed return bill of lading form.**

### Submission Instructions:

Email the following to [parisonsblowmolding@gmail.com](mailto:parisonsblowmolding@gmail.com)

Completed and signed entry form

- Product image in a jpg format
- Product description

**The image and description should be suitable for publication. To ensure blind judging, company identification should be on the bottom of the description page only. A separate entry form, description and photo will be required for each submission.**

**Contact:** Lew Ferguson, Chair, Blow Molded Parts Competition  
Email: [parisonsblowmolding@gmail.com](mailto:parisonsblowmolding@gmail.com) Tel: 313-506-4637



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## Contributions to the Blow Molding Division Education Committee

**Kautex Maschinenbau**

contributed \$4000 to our general education fund

**ALPLA**

contributed \$4000 to our general education fund

**Graham Engineering Corporation**

contributed \$2000 for the Continuing Education Grant Program

**CKS Packaging**

contributed \$1000 to our general education fund

**Nissei ASB**

contributed \$1000 to our general education fund

**W. Muller**

contributed \$500 to our general education fund

**Agri-Industrial Plastics Company**

contributed \$500 to our general education fund

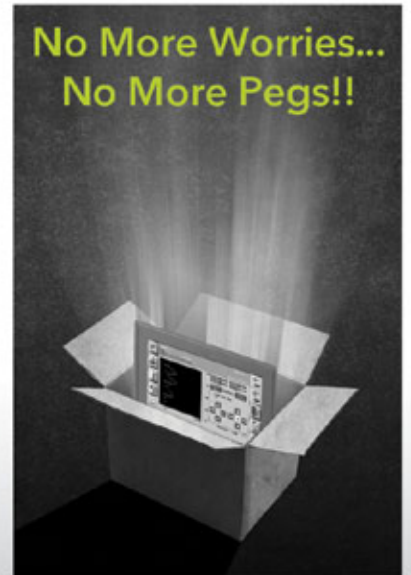
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**SOCIETY OF PLASTICS ENGINEERS, INC.**  
**Blow Molding Division**

**Our SPE D30 Division Goals for 2013:**

- Research and structure education opportunities for the blow molding industry
- Promote these education opportunities to our industry and students
- Support these education programs technically and financially
- Organize a ANTEC technical conference including an interactive careers session
- Organize a ABC conference with presentations on the latest technology and trends, coupled with training sessions
- Find ways to promote, increase and retain membership
- Gain industry interest to participate and support our program through call for papers, technical support and sponsorship
- Update our Policy Manual with responsibilities
- Make our financial planning format on QuickBooks
- Organize a beta training center and program (target program offering 1<sup>st</sup> quarter 2013 and class to start late 4<sup>th</sup> quarter 2013)
- Implement a broad member interest and mentor program to promote the different board positions
- Further promote the Student Design Contest
- Qualify for the SPE rebate and awards
- Promote the ABC Part's Competition program



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**Minutes of April 22-23, 2013 Board of Directors Meeting at the ANTEC**

**AI = ACTION ITEM**

❑ **Call to order at 12:45 pm**

BOD Members present: Ben Lopez, Jeff Light, Gary Carr, Ron Puvak, Geoff Ward, John Rathman, Dale Klaus, Randy Moynihan, Terry Glass, Lew Ferguson, George Hurden, Mohammad Usman, John Sudgen, Scott Steele, Henry Vogel, Bob Jackson, Ken Carter, George Rollend, Jamie Pace, David Calderone, Don Peters, Mark Heitker

BOD Members Excused: Gerry Hobson, Cal Becker, Piaras de Cléir, Surendra Agarwal

BOD Members Absent: Mike Hall

Guests: Jon Meckley, Jon Ratzlaff

❑ **Introductions & Welcome New BOD and Guests – Ben Lopez**

Reviewed SPE Meeting Anti-Trust Guidelines

❑ **State of the Board – Ben Lopez**

Reviewed the BOD status. One open position on the BOD.

❑ **Review of last Meeting's Minutes & Action Items – Mark Heitker**

Motion to approve Winter BOD meeting minutes with no revisions by Bob Jackson, 2<sup>nd</sup> Lew Ferguson, approved by BOD majority.

Reviewed status of action items from the last BOD meeting.

❑ **Report from Jon Ratzlaff – New SPE President**

Congratulations on our successful ABC programs.

Continued on next page



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Proposal for new TopCon support from SPE headquarters. Requested us to prepare a list of expectations for our TopCons, including what we do and what we want headquarters to help us with.

Starting a new global parts competition. The Automotive and European divisions already have successful programs and want to include more divisions. Plastics News wants to publicize innovations.

Request sending our top 3 submissions to National. The deadline is next January.

Requested blow molding articles to be sent to our division for review prior to publication.

Request National to collect media kits from publications and send to the divisions.

SPE wants to pool TopCon ads in Plastics News to obtain better rates.

A new TopCon revenue sharing plan has been set up.

□ **Technical Program Committee report – Ron Puvak for Surendra Agarwal**

Reviewed the TPC report.

ABC 2014 will be held in Chicago.

**Al Jeff Light** – Schedule the Winter 2014 BOD meeting. Suggestion to hold it earlier in the year further from the ANTEC. Suggested Florida or in conjunction with the SPE Polyolefins Conference in Houston.

ANTEC 2015 co chairs will be Ken Carter and George Hurden.

Motion to approve the TPC report – Jeff Light, 2nd Gary Carr, approved by majority of BOD.

Reviewed the Sponsor report – Jeff Light

□ **Treasurers report – Terry Glass**

Reviewed the report.

The Operating Fund is accumulating excess cash in the half of the year. Terry investigated options to invest this cash in a conservative portfolio of ETFs with a 10% stop/loss option. The finance committee reviewed this proposal and supports a motion to invest these funds into ETFs.

[Continued on next page](#)



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Motion to approve treasurer's report and ETF option by Bob Jackson, 2<sup>nd</sup> Jamie Pace, approved by all BOD.

**Al Terry Glass** – Invest excess temporary cash in the Operating Fund in a conservative portfolio of ETFs with a 10% stop/loss option.

Reviewed proposed 2013-2014 budgets. Motion to approve by John Rathman, 2<sup>nd</sup> Bob Jackson, approved by all BOD.

□ **Councilor's report review – Scott Steele**

SPE is now in charge of the PlastiVan.

Discussion on website – continue with our site vs new national site.

Discussion on new TopCon revenue sharing scheme.

Overview of SPE international events.

Motion to approve report by Henry Vogel, 2<sup>nd</sup> Lew Ferguson, approved by all BOD.

□ **Education Committee – Geoff Ward**

Reviewed the committee report.

Our current scholarship recipient, Harry Koshulsky, is graduating in May and has received a job offer at Ford Motor Co. Thanks to Mohammed!

Two of the three Design Contest winners from last year have internships this summer at BOD companies, Bekum and Ineos.

Student Design Contest – 30 projects submitted from Penn State Eire and Penn College of Technology. The Education Committee is reviewing the submissions. Ken Carter is the new Student Design Contest sub committee chair.

A school grant application is expected from Penn College of Technology to help with blow molding machine upgrades.

Continued on next page



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Motion by Geoff Ward to contribute \$500 to support the PlastiVan at current ANTEC, 2<sup>nd</sup> by Henry Vogel – approved by majority of BOD

**AI Ben Lopez** – Request an invoice for \$500 for the PlastiVan

**AI Terry Glass** – Send \$500 to SPE upon receipt of the invoice.

Technical training program – Calhoun Community College selected as the beta site for program. Still working on what our support will consist of, for now it will be train the trainer. The initial training course will be held at Strata-Form the 1<sup>st</sup> week of June with Bob Delong and David Calderone instructing.

This year's Alpha Grant will be used to support this startup program. Jackson Machinery is donating a small extrusion blow molding machine, set up with a gallon mold, to Calhoun College in mid May. Ben is working on obtaining a blow molding simulator for this program.

Motion by Geoff Ward to amend this year's Disbursement Fund budget to allow reimbursement of Bob Delong and David Calerone's travel expenses up to \$2000. 2<sup>nd</sup> by Jamie Pace – approved by majority of BOD

□ **Awards Sub Committee – John Rathman**

BOD Service plaques were distributed to Henry Vogel, Randy Moynihan, Dale Klaus, and Jamie Pace. Presented BOD Service certificates to the other members.

Ben Lopez nominated Ron Puvak for the new BOD Leadership Award, and Gary Carr & Surendra Agarwal for the BOD Outstanding Service Awards.

2013 Lifetime Achievement Award discussion.

**AI John Rathman** – Update the HSM points sheet after the ANTEC to identify nominees for 2014 Honored Service Awards.

**AI John Rathman** – Prepare nomination packet for Scott Steele as our 2014 Fellow nominee.

Continued on next page



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Motion to approve the Education and Awards report by David Calderone, 2<sup>nd</sup> by Jeff Light – approved by majority of BOD

□ **Marketing Committee – Gary Carr**

Reviewed ABC attendees and demographics and plans to attract more processors.

Discussed plans to resume Parts Display program at ABC 2013.

**AI Ron Puvak** – Contact Jon Ratzlaff and Willem De Vos about a Plastics News digital banner ad.

**AI All BOD** – Contact the target companies identified by the marketing committee for word of mouth promotion of the ABC.

**AI Gary Carr** – Send an email to the BOD with the updated target company contact assignments.

**AI Ron Puvak** – Compile a list of past ABC attendees by company for solicitation ideas.

**AI Ron Puvak & Jamie Pace** – Schedule a followup conference call for ABC planning in early June.

**AI Ron Puvak** – Publish next newsletter in early June. Need Content for this issue.

**AI Lew Ferguson** - Prepare membership information for the newsletter.

**AI Jamie Pace** – Prepare sponsor info for the newsletter.

**AI Jeff Light** – Prepare chairman’s message

□ **Membership Sub Committee – Lew Ferguson**

Membership in the Blow Molding division is growing.

□ **Website subcommittee – John Sudgen**

Reviewed a presentation with Dave Cleveland’s proposal for a new website for \$2250 that will have the capability to update ourselves.

Proposal to switch to Dave Cleveland for a new web site design.

Continued on next page



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**AI John Sudgen** – Work with Dave Cleveland to implement the proposal.

Motion to approve the Marketing reports by Scott Steele, 2<sup>nd</sup> by Ken Carter – approved by majority of BOD

□ **New Business**

**AI Don Peters** – Collect candidates for Hall of Fame 2014 nominations. Review the Fellows and LTA past recipient lists.

Ben Lopez reviewed the BOD status and nominees for position changes - Jamie Pace for Chair Elect, Cal Becker for Secretary, George Rollend for Marketing Co-Chair, Jamie Pace for Audit chair, and Ken Carter for Student Design Competition chair

Motion to approve the nominations by Geoff Ward, 2<sup>nd</sup> by Randy Moynihan – approved by majority of BOD

Mark Heitker reviewed the new action item list generated during this meeting.

**Passed Officer Positions to new nominees for the 2013 – 2014 terms.**

**ADJOURNMENT:**

3:50 pm Motion to adjourn by Ben Lopez, 2<sup>nd</sup> by Ken Carter – Approved by BOD

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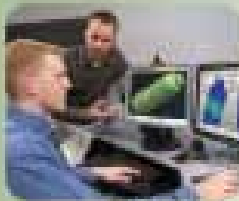


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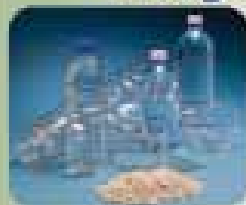
Contact: Jeff Light, Manager, Marketing and Senior Accounts Chair-Elect - SPE Blow Molding Division



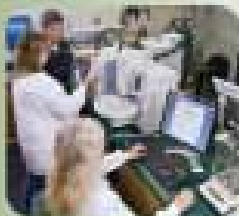
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MoldMAX 100P	Copper-Beryllium	30 Rc	Injection & Blow molds	Transfer heat uniformly	Uniform cooling	<ul style="list-style-type: none"> <li>Dimensionally accurate parts</li> <li>Minimized warpage</li> <li>Reduced scrap rates</li> </ul>
ProTherm™	Copper-Beryllium	30 Rc	Injection & Blow molds, hot runner systems	So extremely durable	So often hardened, wear resistant, non-galling	<ul style="list-style-type: none"> <li>Higher cycle life with lower maintenance costs</li> <li>Low downtime</li> </ul>
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