



## *The Institute For Briquetting and Agglomeration*

January 2007

IBA WEBSITE: [www.agglomeration.org](http://www.agglomeration.org)

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### **FROM BILL'S DESK:**

As we are gradually getting used to writing "2007", we at IBA and the Newsletter team want to wish all members a Happy and Successful New Year and continuing enjoyment of the fellowship as members of IBA.

### **CONGRATULATIONS**

Our friends at Powder and Bulk Engineering, CSC Publishing Inc., St. Paul, MN are celebrating their 20<sup>th</sup> year anniversary. We send our congratulations and best wishes for many more years to this important solids processing industry journal.

P&BE has always been supportive of IBA and IBA's many authors of papers and articles written for and published by P&BE, show that we appreciate this and know the importance of a well written and well run organization.

In the words of the editorial in the January 2007 issue, written by Rich Cress and Kevin Clohesy, "Wow, those 20 years just flew by!"

As the old saying goes, "Time flies, when you're having fun". We think you are having fun. Keep up the good work. Speaking for myself, as IBA Newsletter writer, it's been a pleasure working with you all.

### **THE ECONOMIST**

The December issue 2006 contains an article, "Can Coal Be Clean?" pp. 30/32 discussing clean coal technologies. Well written, without the quasi popular and sometimes political undertone sometimes contained in similar topics.

### **POWDER & BULK ENGINEERING and TABLETS & CAPSULES**

P&BE's December 2006 Index to Articles, 1987-2006, lists 50 articles under the subject heading of agglomeration, including applications, case histories, test centers, agglomeration advisor columns and outright technical papers. Names of many IBA members appear.

Tablets & Capsules Index 2003-2006, includes listings under the heading extrusion, roll compaction, tablet presses and excipients (often in connection with binders). The November issue of T&C is the 2007 Buyers Guide, which also contains a good, complete list of industry associations, and an excellent Glossary of Terms.

## **PHARMACEUTICAL MANUFACTURING**

The November/December 2006 issue releases results of an online web poll, done before election results were known, containing answers to these questions and statements:

How will a win by Democrats in Congress influence the Pharma industry?

Not at all – 4%

Not much, a different party will filibuster to prevent major changes – 15%

Closer scrutiny of the Pharma industry – 17%

Pharma companies will be subject to more regulation – 21%

It will slow down drug approvals even more – 23%

Other – 19%

## **ACTIVATED CARBON**

Two mentions in P&BE (December 2006 and January 2007):

Global activated carbon demand to rise 5% per year through 2010 as per Freedonia Group, Cleveland, OH study “World Activated Carbon” ([pr@freedoniagroup.com](mailto:pr@freedoniagroup.com)). What is perhaps of interest to IBA’s “agglomerators”, the report also mentions that granular activated carbon will increase its overall market share compared to powdered AC. “Granular” usually means briquetted, compacted and extruded AC.

A second news item, surprising at least for this reader/writer, is the news (January '07) that the US government increased the duties on certain steam activated carbon imports from China from 4.8% to an average of 72.5% (range 14%-228% !). These are preliminary, to be reviewed April 2007.

## **MORE ON DRYING WITH INCREASING PARTICLE SIZE**

This is the title of the second part of a paper by John J. Walsh, pp. 18-21 of P&BE, January 2007, the first part having been published in September 2006.

## **COMING EVENTS CALENDAR**

- The Power of Coal, June 10-15, Clearwater, FL, [www.coaltechnologies.com](http://www.coaltechnologies.com)
- Filtech 2007, International Conference & Exhibition for Filtration and Separation Technology, Wiesbaden, Germany, February 27-March 1, [www.filtech.de](http://www.filtech.de)
- International Conference on Air Quality, September 24-26, Arlington, VA. Energy & Environmental Research Center, U. of North Dakota, [www.undeerc.org](http://www.undeerc.org) or Telephone 701-777-5113
- Workshop on Absorbent Carbon Applications, CAER, U. of Kentucky, Lexington, KY, July 12-14, email: [Epperson@caer.uky.edu](mailto:Epperson@caer.uky.edu)
- Wastecon 2007, October 16-18, Reno, NV, [www.WASTECON.org](http://www.WASTECON.org)

- POWTECH 2007, Intl. Congress on Particle Technology, March 27-29, Nuernberg, Germany, NuernbergMesse, email: [claudia.schreglmann@nuernbergmesse.de](mailto:claudia.schreglmann@nuernbergmesse.de), [www.partec.de](http://www.partec.de) This is the European equivalent of the US Powder Show and Conference, if not necessarily in size, but in content and technical scope.
- AFIA Intl. Feed Expo, January 24-26, 2006 Atlanta, GA, [afia@afia.org](mailto:afia@afia.org) or [www.afia.org](http://www.afia.org)
- Two events of the University of Wisconsin: Dryer Technology, April 16-17, Madison, WI, Elaine Bower, 800-462-0876, [bower@rngt.wisc.edu](mailto:bower@rngt.wisc.edu), and The Art and Science of Industrial Mixing, March 20-22, Houston, TX, same contact info, attn. Elaine Bower.
- Granulation, Tableting and Capsule Technology, March 19-22, Boca Raton, FL, Center for Prof. Advancement, [info@cfpa.com](mailto:info@cfpa.com), or [www.cfpa.com](http://www.cfpa.com)
- Bauma 2007, Munich, Germany, the largest international conference and exhibition of mining and construction equipment, April 23-29, [www.messe-muenchen.de](http://www.messe-muenchen.de)
- Coal-Gen, Milwaukee, WI, August 1-2, email: [bill@pennwell.com](mailto:bill@pennwell.com), web: [www.coalgen.com](http://www.coalgen.com)

### **ASTM INTERNATIONAL**

I have mentioned this publication before, but as I check the ASTM products catalog for 2007, I can't help but notice what I consider a good bargain at \$135.00 for 670 pages, (2005) 10<sup>th</sup> Edition of Dictionary of Engineering Science and Technology. For more information on this and other useful publications, contact [www.astm.org](http://www.astm.org) or telephone 610-832-9585.

### **COAL AGE**

The cover of the December 2006 issue shows more snow on hills, trees and a coal plant in the valley (Utah) than we have so far seen in Pennsylvania and many other parts of the eastern USA, along with warm temperatures.

In that issue is also a reminder on how the scene of coal mining has shifted westward in terms of growth and overall tonnage. Year to date total tonnage as of December 9, '06 for Wyoming was 417,670 short tons, an increase of 10% over 2005. In comparison, the second, third and fourth place states of West Virginia, Kentucky and Pennsylvania remained the same or saw a small decline of 1.6 to 3.3%. Other western mining states in the top ten are Montana and Colorado. Altogether the US total of these ten in 2006 amounts to 1.1 billion short tons.

The four big guys (states) are WWKP, as I remember them, Wyoming, West Virginia, Kentucky and Pennsylvania.

### **FINALLY, FOR THIS ISSUE:**

A request, or a least a question – if any IBA member during the previous year has seen or read about a development, which has to do with agglomeration, or a trend or anything newsworthy, worth sharing with the membership via the Newsletter, please pass it along to this address or fax AME/WHE at 412-264-4902. It could, for example, think of something to do with size enlargement at an industry or trade association of yours, that others are interested in. This could also apply to our international members, who may well have information to share with us, that is not necessarily known here in the USA. Yes, I know, the internet and websites! But the “communicate” part of our slogan is still often a two-way street from person to person and has over the years served IBA well.

**“AGGLOMERATE AND COMMUNICATE!”**

**IBA UPDATE**

**Tom Feldkamp, Executive Director**

**2007 CONFERENCE IN SAVANNAH, October 21-24**

This will be our 30<sup>th</sup> IBA Conference spanning more than 50 years of existence. The format of the conference has changed over the years to reflect the many changes in the field of agglomeration and the industries they serve. Audio Visual equipment has changed from basic chalk boards, easels and overhead projectors to sophisticated computerized technology enabling the presenter the ease of visually presenting his paper. However, the most important element of the conference has stayed steadfast; that is the technical content of the manuscripts presented and the interest of the delegates.

A preliminary look at the conference structure follows. A detailed program will be sent in May with registration forms.

Sunday, October 21, 2007, Afternoon

“Agglomeration Workshop/Training Session” – This is new this year.

Sunday Evening

Vendor Night and Hospitality Welcome – this is the third such event and gives attendees a chance to see and talk with member suppliers. It will include equipment models, brochures, etc. in a relaxed atmosphere.

Monday, October 22, 2007

Conference begins - all day sessions – (Tentative spouse/guest tour/lunch)

Monday Evening – IBA sponsored dinner with cash bar at the world famous Paula Deen’s restaurant, “The Lady & Sons”. Paula’s cooking show is on TV daily on the Food Network.

Tuesday, October 23, 2007

Conference continues - all day sessions

Tuesday Evening – President’s Banquet included in registration fee, cash bar.

Wednesday, October 24, 2007

Conference continues with a half-day session

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**WEBSITE**

We currently have 13 company links on our website, [www.agglomeration.org](http://www.agglomeration.org). Your company can still be added. Contact Tom at [tnfeldkamp@centurytel.net](mailto:tnfeldkamp@centurytel.net) for more information.

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**CURRENT NEWSLETTER**

We have received positive feedback on the emailing of our newsletter, which allows us to reach members quickly as well as saving mailing costs. If you have changed your email address or have not supplied us with one, please do so. We will continue to mail the newsletter to the members who have not advised us of their email address.

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**PROCEEDINGS**

All members and all attendees were sent a copy of the 2005 IBA Proceedings, Volume 29 on CD. Extra copies are available for \$50 (\$35 for IBA members). If a book is preferred there is a limited amount for sale for \$60 (\$42 for IBA members).

**MEET YOUR MEMBERS**

We are continuing to profile speakers from our last conference. Norbert Klinker, long-time member from Koppert, Germany, "Latest Design for Roller Presses for Potash Compaction" and a new member, Brian Pittenger, of Jenike and Johanson, Inc., "Controlling Segregation When Feeding to Agglomerators".

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**DUES**

Membership dues for the 2005-2006 years expired December 31, 2006. We mailed out invoices in December for the 2007-2008 years. Dues will remain the same, Individual \$100, Company \$200, Consultant \$150. Let me know if you did not receive your invoice.

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**CALL FOR PAPERS**

We recently sent a News Release to some associations and publications. We are including a copy of this with our newsletter so that you may share it with any of your clients if there is interest. We would like to receive the Abstracts by May 18, 2007 and if possible the manuscripts by July 9, 2007.

Want to know more about our conference site?  
Visit [www.desotohilton.com](http://www.desotohilton.com)  
[www.savannahvisit.com](http://www.savannahvisit.com)

**ANNOUNCING**  
**"FUNDAMENTALS OF AGGLOMERATION WORKSHOP"**

**WHEN?**            October 21, 2007, Sunday Afternoon preceding Monday Technical Conference

**WHERE?**          IBA 30<sup>th</sup> Biennial Conference at Hilton DeSoto, Savannah, GA

**WHO SHOULD ATTEND?**  
Individuals new to the field of Agglomeration and individuals with knowledge of agglomeration, who desire input on all current methods of agglomeration

**REGISTRATION FEE?**        To be sent out with conference registration forms in May

**FURTHER INFORMATION?**    [www.agglomeration.org](http://www.agglomeration.org) or Contact Tom Feldkamp at [tnfeldkamp@centurytel.net](mailto:tnfeldkamp@centurytel.net) or 715-543-2750

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**Workshop Committee:**            Tom Marrero, University of Missouri; Bob Hinkle, Mars Mineral;  
Richard Komarek, KR Komarek; and Brian Young (ex-officio), Envirosafe, Australia