



Bắt kịp đổi thay Catch the changes

Practical applications to meet new requirements on energy saving, environment and competition in flexible packaging technology

HCMC

December 16th, 2016



coim

novacote
flexpacko

Sinomech





Invitation Letter



HCMC, November 28, 2016

To whom it may concern

Ref: invited to attend the seminar

“CATCH THE CHANGES - PRACTICAL APPLICATIONS TO MEET NEW REQUIREMENTS ON ENERGY SAVING, ENVIRONMENT AND COMPETITION IN FLEXIBLE PACKAGING TECHNOLOGY ”

At:

**PARK ROYAL SAIGON HOTEL – CONFERENCE HALL
Address: 309B-311 Nguyen Van Troi Street, Tan Binh District, HCMC, Vietnam**

On December 16, 2016 (Please see details at attached schedule)

VIETNAM PLASTIC ASSOCIATION
Chairman

**CENTRE OF BUSINESS SUPPORT AND
DEVELOPMENT OF HCMC**
Vice Director

HỒ ĐỨC LAM

DANG TAN TAI

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Thông tin liên lạc

Please contact to below persons for details:



**CENTRE OF BUSINESS SUPPORT AND DEVELOPMENT –
HCMC DEPARTMENT OF INDUSTRY AND TRADE (PRET)**

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Cotact people: Ms. Huynh Thi My

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DIAMOND MACHINERY LTD (DMC)

Tel: 08 3765 7781- Fax: 08 3765 7782

Contact peole: Ms. Do Thi Huyen Lan

Tel: 0912351718 – E.mail: huyenlan.dmc@gmail.com



Seminar schedule

08.30- 09.30	: Welcome to delegate
09:30- 09:45	: Welcome speech of Leader Representative of HCMC Department of Industry and Trade and PRET Director
09:45- 10.00	: Opening speech of Vietnam Plastics Association Chairman
10:00-11:00	: Water-based inks for rotogravure printing
11:00-12:00	: Energy saving solution for printing and laminating technology
12:00-13:00	: Buffet lunch time
13:00-14:00	: Solventless adhesives for flexible Packaging
14:00-15:30	: Solventless lamination – 5E solution for flexible Packaging
15:30-16:30	: VOCs control solutions
16:30-17:00	: Q & A

Thank you from organizations



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Site tour schedule

Date:

On December 17, 2016, DMC Ltd. will arrange a site tour to see the practically working of the SINOMECH's latest solventless laminator, model SLF 1000C with maximum laminating speed at 500m/min.

At:

PHONG ANH TRADING PRODUCTION COMPANY LTD.

Add: No. 450, lot 91, Vĩnh Phú ward, Thuận An Dist., Bình Dương Prov..

Transportation:

We will arrange shuttle bus to take you from HCMC to factory site and come back. We will pick up if you want arrange your vehicle by yourself.

Please contact the Organization Board for booking in advance






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Main content of the seminar

New development step of Vietnam's packaging industrial need its members have long-term and deeper view of point on sustainable development. These sustainable factors is not too strange that exist even in the daily work of every business, they are energy saving, the selection of the new but practical technologies and the use of friendly materials to minimize adverse emissions to the environment. These factors not only the requirements will take effect by the government in the near future but also a chance for improvement of the business in order to improve competitiveness by increasing productivity and reducing costs.

You will find in this seminar the worldwide concepts for Volatile Organic Compounds (VOCs), a factor that packaging and printing industry are facing under increasing of environmental requirements and control VOCs will become an issue that all businesses have to face day by day.





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Main content of the seminar

You will find in this seminar practical solutions for cost reduction or cost balancing between investment for environmental requirements and the competitive price of your products. These solutions will include the system for reusable and saving energy (LEL), water based gravure inks and solvent-free dry laminating machine that meet the 5E requirement on economic and environment. The real solutions has proven their correctness, can satisfy all the needs of enterprises of different sizes, especially for small and medium enterprises of flexible packaging business.

Base on demand of technology interchange and update of technical knowledge. We, the organizers of the seminar are honoured to welcome you and your esteem company

Yours sincerely

Organization Board



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Abstract of presentations content





HANXI JINGHUA TECHNOLOGY & TRADING CO.,LTD.

(<http://www.shanxijinghua.com/>)

Applications of water-base inks for gravure printing technology

- 1. The advantage of water-based gravure ink (compared with the solvent-based ink from the health, green, low-carbon and economic)**
- 2. Printing effect introduction of the water-based gravure ink**
 - a) Prints display (including the application of water-based ink in food, commodity, drug packaging and cigarette packaging; and plastic reverse/surface printing, paper printing, carton printing, aluminum foil printing, transfer paper printing and laminated paper printing and so on.)**
 - b) Printing effect introduction of the water-based plastic reverse printing ink (including printing substrates, printing condition, gravure cylinder, laminated substrates, laminated methods and equipments, bonding strength and VOCs content and so on)**



GUANGDONG PHNIX ENVIRONMENTAL PROTECTION

EQUIPMENT CO., LTD

Energy saving and VOCs reduction solutions in printing and packaging

How printing and packaging factory solve the energy-saving and emission reduction solution?

1) For energy-saving part, the printing dryer machine are used. Considering the design principle of LEL ,when recover the heat of exhaust air, part of the exhaust air will be reused directly. The electricity saving ratio can reach 50% or more, meanwhile, reduced the printing machine's total exhaust air volume, improved the exhaust air's concentration. This project has been applied in China, more than 4000 sets are running now.

2) For emission reduction part, using the method of catalytic combustion, when temp is over than 300 degree, VOCs waste air can be treated by flame-less combustion, after combustion, the waste heat of exhaust air will be used to preheating the printing machine's fresh air. The whole project has the advantages of safety, high efficiency, low operation cost and small occupation area.



NOVACOTES FLEXIBLE PACKAGING ADHESIVES

(<http://www.coimgroup.com/>)

Solvent-free Laminating adhesives for sustainable packaging

- Basics of PU adhesives used in flexible packaging
- What's sustainable packaging, and if flexible packaging fits the scope of sustainable packaging?
- Role of PU adhesives in sustainable packaging
- Which PU adhesive technology contributes most to sustainable packaging?
- Challenges with solvent-free (SF) adhesives in lamination
- Innovations in Novacote SF adhesives





SINOMECH

SINOMECH CORPORATION (<http://www.sinomech.cn/>)

Solventless Lamination and 5E Solution for Flexible Packaging

1) What is 5e?

**Environmental Friendly
Energy saving
Efficiency
Economy
Enabling**

2) Why solventless lamination is 5e solution?

Compared with solvent-based lamination, 40-60% coating cost saving!
Compared with water-based lamination, 20-30% coating cost saving!





Solutions to control Volatile Organic Compounds (VOCs)

Research on new policy on management and prevent of VOCs.

Summary on the VOCs control process under the view of point of technical and improvement ideas that suitable for flexible packaging

New achievement on VOCs control and energy saving for flexible packaging. Application of “ESO+ thermo-oxidation”



Welcome to the seminar!



Sinomech