

Pharmaceutical Manufacturing Survival in the 21st Century

Programme and Registration Brochure

5 June 2008

IMechE, 1 Birdcage Walk, London

www.imeche.org/events/S1323



Organised by the Pharmaceutical Committee
Supported by Manufacturing Industries Division

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Pharmaceutical Manufacturing Survival in the 21st Century

Ever-increasing cost pressures mean that a number of companies have moved their manufacturing operations to countries with lower labour costs. It doesn't have to be this way, not if established world-class methodologies are applied to pharmaceutical plants.

Many examples of best practice in other industries may be applied easily to the pharmaceuticals industry. Companies that have adopted these practices have improved performance significantly.

While regulatory compliance in the UK pharmaceutical manufacturing industry is generally very high, manufacturing efficiency is often lacking due to high costs, excessive lead times and inventory, inefficient staffing, poor process control and reliability. This event will offer advice, solutions and best practice for manufacturing pharmaceuticals.

Attending will help you:

- Benefit from lessons of best practice from other manufacturing industries
- Build a competitive edge
- Reduce manufacturing overheads
- Become more efficient
- Apply lean manufacturing principles to your organisation
- Learn about Process Analytical Technology (PAT) and how it can be of great benefit
- Automate your operation as far as possible
- Successfully manage the human factors of manufacturing
- Understand why outsourcing to India or the Far East is not as effective as we might think
- Meet, greet and network with key industry players
- Find collaborators for future projects

Who should attend

This event will appeal to anyone in the pharmaceuticals and related industries eg biotech, medical devices, healthcare, contracting services, equipment and control systems supply, with responsibility for or interest in manufacturing, performance, quality and related fields. General engineers, senior managers, departmental heads, directors and senior technical staff from manufacturing, engineering and quality disciplines will all find this seminar invaluable.

Exhibition and sponsorship

Why not take this opportunity to display an exhibition stand, or provide inserts about your company in the delegate packs? For more information contact Aman Duggal on 020 7973 1309 or email a_duggal@imeche.org

Organising Committee

Miss Karen Stevenson Catalent Pharmaceutical Solutions (Event Chair)

Eur Ing Robert J Hayes SeerPharma (UK) Ltd

Eur Ing Paul Merrick Pharmaceutical Committee Chairman

PROGRAMME

5 June 2008

9:30 Registration

10:00 Chair's welcome

10:10 Keynote Speaker
'Offshoring' life science production is not the only answer

Prof Roger S Benson, Perceptive Engineering Limited

Standing still is not an option - it will inevitably lead to asset closures due to excess manufacturing capacity in Western Europe. The steps to closure are exacerbated by moves to offshore manufacturing. The paper will demonstrate by analysis that it is possible for life science manufacturers in Western Europe to compete with low labour-cost manufacturers.

The key steps are:

- Continuously invest and deliver 'lean' manufacturing and supply chains
- Automate as much as possible to reduce impact of Western European wages
- Actively invest in developing and building 'distributed agile plants'
- Focus on outstanding product quality and service delivered to the customer at competitive cost.

10:40 The future is biological medicines – the process is the product

Dr Tony Bradshaw, bioProcessUK (BIA)

- Building a potent technical capability
- Increasing competitiveness of UK manufacturing
- Developing the UK as the hub of bioprocessing education

11:10 Coffee

11:30 Implementing PAT in a solid dose manufacturing plant

Mr Stephen Foster, SFC Consulting

- Experience of monitoring moisture content in a fluid bed dryer
- Equipment and materials interface
- Key learning

12:00 Flexible batch granulation by roller compaction

Dr Bindhu Gururajan, AstraZeneca R&D

Co-author: James Kraunsoe, AstraZeneca R&D

- Dry granulation process suitable for handling heat and moisture-sensitive active pharmaceutical ingredients
- Understanding and modelling the process using mechanistic approach
- Small-scale simulation of the process for early development needs
- Process and product quality monitoring and control approach

12:30 Discussion

13:05 Lunch break

14:05 Successful application of lean principles in the pharmaceutical industry

Mr Mark Colvin, Leanpal

- Pharmaceutical manufacturers in the UK and Europe face a tough challenge from national and international competitors, particularly from co-packers and generic producers
- With the loss of patent protection and corporate cost-reduction programmes threatening the very existence of European production facilities, operations will need to rise to the challenge by adopting lean principles in order to survive
- This presentation explores some of the practical techniques being used in the industry to improve operational performance and outlines potential pitfalls in the implementation of lean

14:35 People matter – human factors that influence performance in the manufacturing environment

Mr Brian Szukala, SeerPharma (UK) Ltd

- The cost of human error cannot be ignored. Each year millions of pounds will be wasted by manufacturing companies through errors – many simple, some complex – but often the consequences can be serious, resulting in injury or death
- From errors in design through to processing or support functions, eg accounts or customer service department – errors are costing industry money
- Understanding the causes, analysing them when they do occur and preventing them re-occurring should be a management strategy adopted by all: Preventability + Sustainability = Growthability
- Introducing a new concept for effectively managing compliance by reducing error and changing behavior in the life science sector – bGMP® (behavioural GMP)

15:05 Tea

15:25 How to become 'Factory of the Year'

Mr Mark Hulme, Reckitt Benckiser

Mr Garry Haswell, Reckitt Benckiser

Reckitt Benckiser's pharmaceutical manufacturing facility in Kingston-upon-Hull won the Factory of the Year, Best Process Plant and People Management awards for 2007. Previously, the site won the Best Process Plant award in 2002

These awards, from The Cranfield University, School of Management in partnership with Works Management, include a number of criteria:

- Operating performance measures in comparison with other factories in the same industrial sector. Measures taken into account will include quality consistency, scrap/rework rates, speed of delivery, delivery reliability and productivity
- Rates of performance improvement
- The quality and effectiveness of the systems in place to ensure continuous improvement
- The quality of management leadership and strategic thinking
- The extent to which the factory meets the criteria for world-class manufacturing

In this discussion, we discover some of the guiding principles to achieve this sort of distinction, and on the way, gain business advantage in a competitive marketplace.

15:55 Discussion session

16:30 Close of seminar

The programme is subject to amendment.

One form per person only (forms may be photocopied)

For added convenience, you can also book online at www.imeche.org/events/s1323

5/6/2008

S1323

Registration (please complete in CAPITALS)

Family Name _____ Title (Mr, Mrs, Miss etc) _____

First Name _____ Job Title _____

Membership No. _____ Institution _____

Name of Organisation (for name badge) _____

Address for Correspondence _____

Town/City _____

Postcode _____ Country _____

Contact Telephone _____ Fax _____

Email _____

Do you have any special requirements? _____

How did you hear about this event? Direct mail Website Colleague Other _____

Fees and Charges (Please complete the appropriate box)

Registration fees include entry to the sessions, refreshments, lunch and a copy of the event proceedings

	Fee	Vat	Total	£
IMechE Member	£190.00	£33.25	£223.25	<input type="text"/>
Member of Co-Sponsoring Organisation	£190.00	£33.25	£223.25	<input type="text"/>
Non-Member	£230.00	£40.25	£270.25	<input type="text"/>
Student/Retired member	£ 55.00	£9.63	£64.63	<input type="text"/>
Extra Items				
Invoice Charging (if applicable)	£10.00	£1.75	£11.75	<input type="text"/>
			Total	<input type="text"/>

PLEASE DO NOT SEND PAYMENT SEPARATELY FROM THIS BOOKING FORM.

By submitting this registration form, you will be indicating your consent to periodically receiving information on events and publications from IMechE unless you indicate an objection to receiving such information by ticking this box

Payment Details

Payment must accompany this registration form. Registration will be confirmed only on receipt of full payment

Please indicate method of payment: Cheque Credit Card BACS Invoice (see below)

Cheques should be made payable to IMechE and crossed. Please note overseas delegates may pay only by credit card, BACS or banker's draft. A copy of the draft must accompany this form. It is the delegate's responsibility to pay any bank charges.

Credit Card: Visa MasterCard Eurocard (please note we cannot accept American Express, Diners Club or Maestro)

Card number _____ Valid from ___/___ Expiry Date ___/___

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Amount to be deducted _____ Signature _____

Invoice Details (UK delegates only)

Delegates wishing to be invoiced must provide an order number. If your company does not use order numbers please include a formal request for invoicing on your company's letterhead. A charge of £10 + VAT will be made to cover additional administration costs. Invoices are payable on receipt and no alterations to these terms will be accepted.

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BACS Bank Transfers can be made to: IMechE Current Account, NatWest Charing Cross Branch.
Sort code: 60-40-05 Acc No: 00817767. A copy of the draft must accompany this form.

A B C D E



Conditions of Booking

Completed application forms should be returned to the address below, along with the correct payment. Attendance at the event will be confirmed on receipt of the full balance. All participants are advised to bring a copy of their confirmation with them on the day, to ensure the fastest possible entry.

Special Requirements

Please inform us of any special requirements ie dietary or access, on the relevant section of this form.

Cancellation

For a refund (minus £25 + VAT admin charge), cancellations must be received at least 14 days prior to the event. Replacement delegates are welcome at any time.

Co-Sponsoring Organisations

Members of the following organisations can register at IMechE members rates: The Royal Pharmaceuticals Society of Great Britain; The Association of the British Pharmaceutical Industry; The International Society for Pharmaceutical Engineering; Institution of Chemical Engineers

Venue

This event will be held at IMechE, 1 Birdcage Walk, London SW1H 9JJ. Details will be sent upon registration.

Insurance

The organisers do not accept liability for any injuries or losses of any nature incurred by delegates and/or accompanying persons, nor for loss or damage to their luggage and or/personal belongings.

Accommodation

We have arranged special discounted rates at local hotels via the Corporate Team. Our list of hotels will be forwarded upon receipt of your registration and payment.

If you wish to contact the Corporate Team directly, please use the details below and quote ID number 8488.

Tel: +44 (0) 20 7592 3050
email: events@corporateteam.com
www.corporateteam.com/events/8488ME

Enquiries

For event enquiries, please call Angela Theobald on +44 (0) 20 7973 1243 or email a_theobald@imeche.org
For registration enquiries call Tina Churcher on +44 (0) 20 7973 1258 or email t_churcher@imeche.org

Complete and return this form to:

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