

# Powder Containment

One-Day Course, 12 April 2011

The Wolfson Centre for Bulk Solids Handling Technology



# Welcome to the Wolfson Centre for Bulk Solids Handling Technology

## Our mission: cost-effective solutions to industrial problems

At the Wolfson Centre for Bulk Solids Handling Technology we combine our experts' in-depth knowledge with the centre's strong links with industry to offer you consultancy, research projects and short courses that combine technological excellence with personalised teaching.

Our powder containment course is relevant to a wide variety of industries, especially those using highly toxic materials, such as pharmaceuticals and chemicals. Industries such as food, minerals and ceramics are increasingly subject to legislation governing the exposure of operators to less hazardous materials.

## Objectives

This one-day course covers the selection and operation of equipment designed to reduce the risk of working with hazardous powders.

### The following topics will be discussed:

- Health and safety guidance for workplace exposure limit setting
- Risk assessment approaches
- Perceptions of dust and the consequences of exposure
- Key principles and equipment for air flow capture systems, including the Health & Safety Executive's Guidance HSG258
- Key principles and equipment for barrier systems
- The workplace exposure limit, equipment performance expectations and performance verification
- Factors affecting performance, such as ergonomics, worker behaviours and powder characteristics.

## Who should attend?

This course would particularly benefit anyone involved in the handling of hazardous and non-hazardous powders such as manufacturing or production engineers and operatives, as well as safety and hygiene specialists responsible for staff safety.

A basic technical education and/or experience in industry is enough. Advanced qualifications are not necessary.

## Course presenter

**Pam Davison** is a chartered chemical engineer and has worked in the pharmaceutical industry (with MSD and GlaxoSmithKline) for 28 years. She has spent the last seven years in blending and powder handling technology specialising in powder containment. She has a wide technical understanding of the issues of working with hazardous powders, the equipment available and the performance that can be expected. She joined the Wolfson Centre in 2009 as Associate Consultant for Powder Containment.

## Booking form

To: Short course administrator  
The Wolfson Centre for Bulk Solids Handling Technology  
University of Greenwich  
Medway Campus  
Central Avenue  
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Kent ME4 4TB



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Please fax back to: +44 (0)20 8331 8647 or send it by post to the above address.  
Alternatively, you can book online at [www.bulksolids.com](http://www.bulksolids.com).

I/We would like to attend

Course title ..... **Powder Containment** .....

Date ..... **12 April 2011** .....

Main contact.....

Delegate name(s).....

Company name .....

Address .....

.....Postcode.....

Telephone.....Fax.....

E-mail .....

How did you hear about this course? (Give the website name if appropriate)

.....

I enclose a cheque for £ ..... (**£420 per delegate**)

Cheques should be payable to: University of Greenwich

Please invoice my company for £..... (**£420 per delegate**)

Purchase order number (if applicable).....

A discount of 5% is available for three or more delegates from one company attending the same course at the same time.

Please note that in the event of cancellation within three weeks of the start date, a charge of 50% will be made to cover administration costs. Substitution of delegates, however, can be made any time.

**Note: in order to allow individual attention, the numbers for the courses are limited.  
Early registration is recommended.**

## Other courses in 2011

- Pneumatic Conveying of Bulk Solids (17–18 May and 22–23 November)
- Overview of Particulate Handling Technology (1–2 November)

Should these dates be inconvenient and/or you have a number employees wishing to take part, please contact us to arrange bespoke in-company courses.

## Bookings

The course costs £420 per delegate. You can book online, using payment by invoice only, by logging on to **www.bulksolids.com** and clicking on 'Short Courses – more info'. Alternatively, you can complete the attached booking form and either fax or post it to us. Additional forms are available from the above web address.



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