



14. Jun. 2023

## **Dust Control for Processes**

Course – Online

Edited by on 25. Jan. 2023

"Identification and risk assessment within processing systems; studying dust prevention, capture and extraction methods"

The course emphasises the practical aspects of technology. Case studies are used throughout to illustrate presentations, and substantial discussion periods are included so that specific problems experienced by attendees can be analysed.

### **Course Dates**

**14 June 2023**

The course will run online from 09:00 - 13:00 hrs UK time.

There will be opportunity to discuss operational issues with the presenters and other delegates.

### **Course Fee**

£375 per delegate.

[Discounts](#) are available for group bookings and returning delegates.

### **Registration**

Registration and payment is available via the [on-line shop](#).

A link to join will be sent in the week prior to the course starting.

## **Subjects covered**

### **Characterisation of Bulk Particulates:**

- the need for characterisation;
- bulk behaviour;
- key material characteristics;
- particle size distribution;
- bulk density;
- segregation;
- powder flow function;
- effect of moisture content

### **Materials handling:**

- vessel geometry;
- flow problems;
- vessel types;
- feeders;

### **Dust control:**

- why is dust control important;
- prevention and containment;
- extraction;
- particle capture (filters);
- venting

### **Guidance on dust control:**

- Responsibilities;
- processes and sources;

### **Plant audit**

## **Is it for me?**

This is ideal for plant designers, plant managers, safety and hygiene specialists and maintenance professionals – particularly if you are handling powders – and will help you to identify and assess risk within your processing system.

The programme will also benefit operational staff or senior management, helping you to gain a better understanding of what can go wrong, and how to make your plant as efficient and trouble-free as possible.

## Course team

The course leader is [Richard Farnish](#), Technical Director, who has over twenty years' experience in commercial design work related to materials handling.

Contributions may also be made from the rest of the Team, including Dr Baldeep Kaur, whose interests lie in characterisation and transportation of bulk materials;

[Dr Vivek Garg](#), whose interests lie in powder flowability;

[Dr Lucas Massaro Sousa](#), whose interests lie in fluidisation, solid feeding devices and CFD simulation;

[Dr Atul Sharma](#), whose interests lie in pneumatic conveying systems.

Please note that The Wolfson Centre reserves the right to substitute leaders of equal quality should this be dictated by circumstances beyond its control.

