

## Program

### Tuesday, 7 February 2012

- 08:45 *Transfer from hotel to TTC*
- 09:00 *LogIN*
- 09:15 Introduction *Klaus Eichler*
- 09:30 Introduction to the European Machinery Directive 2006/42/EG *Siegfried Radandt*
- 11:00 *Coffee break*
- 11:30 State-of-the art of the European regulations for manufacturing equipment intended for use in potentially explosive atmospheres *Albrecht Vogl*
- 12:30 *Lunch*
- 13:30 Practical examples *Matthias Tondar*
- 14:00 Explosion ignition by static electricity *Carsten Blum*
- 15:00 *Coffee break*
- 15:30 Explosion protection for filters *Richard Siwek*
- 16:15 Explosion risk due to explosion transmission through ducts and pipes of interconnected equipment *Albrecht Vogl*
- 17:00 *Transfer to hotel*
- 19:30 *Workshop dinner*

### Wednesday, 8 February 2012

- 08:40 *Transfer from hotel to TTC*
- 09:00 Explosion protection for fluid bed units *Matthias Tondar*
- 10:30 Explosion risk assessment for old type fluid bed units *Richard Siwek*
- 11.15 *Coffee break*
- 11:45 Explosion risk assessment for pan coaters *Günter Boos*
- 12:30 Explosion risk assessment for vertical granulators *Ralf Kretzschmar*
- 13:15 *Lunch Buffet und LogOUT*
- 08:45 *Transfer to Basel airport and German train station (Badischer Bahnhof)*

### Workshop no. 173

# Explosion protection for powder processing



**Binzen, 7 - 8 February 2012**

## Background

This workshop informs about the state-of-the-art of the European safety regulations for equipment design, installation, risk analysis and liabilities using relevant examples for powder processing equipment and peripheral components.

All speakers are renowned experts in their field of technology, many of them actual contributors towards the European regulatory standards.

Topical questions are invited and discussed during the individual presentations, which are only enriched by interactivity.

## Who should attend

Plant engineers and technicians who are responsible for plant design, operation safety and technical service.

## Speakers

### Dr. Carsten Blum

EXAM, BBG Prüf- und Zertifizier-GmbH,  
Bochum, Germany

### Günter Boos

Glatt AG, Pratteln, Switzerland

### Ralf Kretzschmar

Glatt Systemtechnik GmbH, Dresden, Germany

### Prof. Dr. Siegfried Radandt

FSA GmbH, Germany

### Richard Siwek

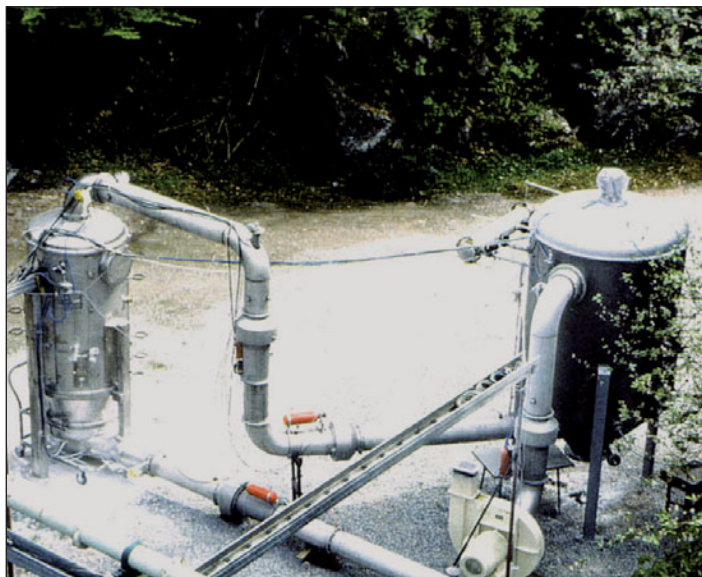
FireEx, Giebenach, Switzerland

### Matthias Tondar

Glatt GmbH, Binzen, Germany

### Dr. Albrecht Vogl

BGN, Nahrungsmittel und Gaststätten,  
Mannheim, Germany



## Moderation

### Klaus Eichler

Technology Training Center  
Binzen, Germany

## Details

- The participation fee is € 1.090,- (exclusive of VAT). This fee includes participation, accompanying course notes, daytime catering and dinner. Any other expenses are to be borne by the attendee.
- Free attendance granted to a limited number of students.
- Participation is limited. Registrations will be confirmed on a first come first serve basis.
- Courses taking place in Germany are subject to Value Added Tax (VAT).
- Each participant will receive a certificate of attendance at the end of the course.

## Organisation

### TTC (Technology Training Center)

Klaus Eichler / Bianca Nowak / Saskia Nitsche  
Werner-Glatt-Straße 1, 79589 Binzen, Germany  
Tel.: + 49 (0) 76 21 / 664 - 308  
Fax: + 49 (0) 76 21 / 16 799 200  
eMail: ttc@ttc-binzen.de

For further information or online-registration  
please visit **www.ttc-binzen.de**

## Place of venue

### Technology Training Center

Binzen, Germany

## Registration TTC 173

### Explosion protection for powder processing

7 - 8 February 2012

First name \_\_\_\_\_

Last name \_\_\_\_\_

Company \_\_\_\_\_

Dept. \_\_\_\_\_

Function \_\_\_\_\_

Street \_\_\_\_\_

ZIP Code \_\_\_\_\_

City \_\_\_\_\_

Country \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

Email \_\_\_\_\_

- Accommodation required -  
we will reserve the hotel for you.

check-in day \_\_\_\_\_

check-out day \_\_\_\_\_ = \_\_\_\_\_ nights

(approx. € 95,- / night, incl. breakfast)

 **Click here to register online**