



Company News

REMBE: Explosion Safety Days - Spray Dryer

Edited by on 6. Aug. 2017

Brilon, Germany -

Meet the EX-perts! Due to some devastating recent events, increased awareness in safety amongst operators as well as manufacturers and emphasized standards, finding the appropriate protection against explosion and fires in spray dryers has gained importance for both new and existing plants. We at REMBE® GmbH Safety + Control are one of the leading global suppliers for safety solutions and understood through our daily business the wish of operators and OEMs for a neutral event to exchange experiences and protection approaches.

We took this wish as a demand and focused this year's REMBE® Explosion Safety Days specifically on spray dryers. **Dr.-Ing. Johannes Lottermann**, Director explosion safety at [REMBE®](#) is personally involved in the VDI 2263-7.1 fire and explosion safety for spray drying equipment and, together with his team, has put together a comprehensive program with top rank speakers and experts from all relevant disciplines involved in explosion and fire protection. You should definitely not miss the chance to discuss this topic with operators, OEMs, insurance companies and authorities. Among the highlights of the event will be a LIVE-Explosion demonstration on a typical single stage dryer set-up at the recently founded REMBE® Research + Technology Center.



Agenda

Tuesday, November 28

08:00 – 08:30 Registration

08:30 – 08:50 Lessons learned from the past

René Waalewijn – DANONE NUTRICIA

08:50 – 09:10 Different countries, different standards?

Dipl.-Ing. (FH) Jörg Meistes – INBUREX Consulting

09:10 – 09:50 Requirements from insurance companies for spray dryers

H.J.M. van der Sijp (Hak), BSc – HDI Global SE

09:50 – 10:10 Determination of dust explosion and characteristics according to the recent standards

Prof. Dr. Ir. Filip Verplaetsen – Adinex N.V.

10:10 – 10:30 Risk assessment and zoning according to VDI 2263-7

Dipl.-Ing. Richard Siwek – FireEx Consultant GmbH

10:30 – 10:50 Coffee break

10:50 – 11:10 Causes of the desired formation of deposits in spray drying chambers and their prevention

Prof. Rainer Barnekow – Hochschule Ostwestfalen Lippe

11:10 – 11:30 Optimized spray drying temperatures by adapted smoldering test values

Dr. Albert Colomer – AkzoNobel Polymer Chemistry

11:30 – 11:50 Preventative explosion safety approaches for spray dryers

Pat Swords – PM Group

11:50 – 12:10 CO detection and H₂O measurement – safety and efficiency at one glance

Sieuwert Kramer – Hobr  Instruments BV

12:10 – 12:30 Differences between nutrition and dairy drying

Gerrit Fikse – Nestl  Nederland BV

12:30 – 12:50 CFD-Simulation of explosions in spray dryers – explosion design 4.0

Dr. Kees van Wingerden – Gexcon AS

12:50 – 13:50 Lunch break

13:50 – 14:10 Hygienic design vs. explosion safety

Dr.-Ing. Johannes Lottermann – REMBE® GmbH Safety + Control

14:10 – 14:30 Fire safety atomizing nozzle – increases safety within your spray dryer

Roel Hoek – Raca International BV

14:30 – 14:50 Fire protection approaches in spray dryers

Mathias Fischer – Fagus-GreCon Greten GmbH & Co. KG

14:50 – 15:10 How trapped-key interlocking systems contribute to fire and explosion safety

Jonas Haake – Haake Technik GmbH

15:10 – 15:30 Coffee break

15:30 – 15:50 Small-scale fire tests on ignition of quasi-stationary dusts caused by glowing embers

Prof. Dr. Uli Barth – Universit t Wuppertal, M.Sc. Marius Bloching – IND EX® e.V.

15:50 – 16:30 Explosion venting and suppression design approaches according to VDI 2263-7

Dipl.-Ing. Richard Siwek – FireEx Consultant GmbH

16:30 – 17:00 Apparent safety or overprotection

Jan Cleijne – REMBE® GmbH Safety + Control

19:00 Get together



Safety is for life.

Registration

Binding registration for the REMBE® Safety Days – Spray Dryer.

Company:
Name:
First name:
Title:
Function:
Department:
Address:
Phone:
Fax:
E-mail:
Date:
Signature:

Please provide with information about available hotel rooms.

**REGISTER
QUICKLY.
LIMITED NUMBER
OF
PARTICIPANTS.**

Flyer_REMBE Safety Days Spray Dryer