



GexCon

DUST EXPLOSION HAZARDS

FREE WORKSHOP

October 22

Presented by GexCon & Mary Kay O'Connor Process Safety Center



October 22, 2012

2:00-4:00PM

Hilton College Station

Complimentary with your Symposium Early Registration

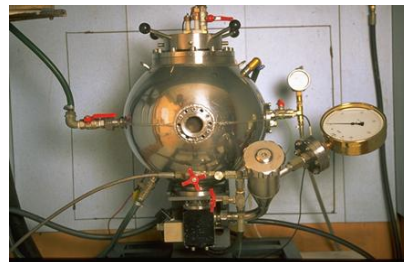
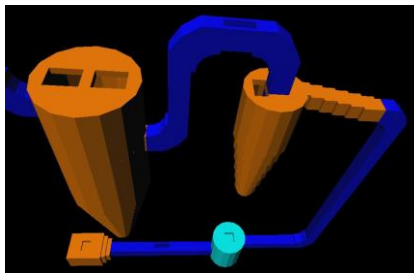
<http://engrevent.tamu.edu/event/100886>



Monday 22nd October 2012

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|--------------|---|
| 14:00 | Opening
<i>Why is dust a problem? Statistics on dust explosions: equipment involved, ignition sources, dust types</i> |
| 14:15 | Dust Explosion Accidents
<i>Examples of accidents: Imperial Sugar, West Pharmaceutical, Jahn Foundry, Bremer Hammer Mühle, etc.</i> |
| 14:30 | Dust Explosion Basics and Dust Explosion Characteristics
<i>Combustion mechanisms, explosion properties and test methods, influence factors</i> |
| 15:00 | Preventive Measures - Introduction
<i>Inerting, avoidance of ignition sources, housekeeping, hazard area classification</i> |
| 15:30 | Protective Measures - Introduction
<i>Principles of explosion venting, suppression, isolation, and containment</i> |
| 16:00 | Introduction to Dust Explosion Modeling
<i>Combustion mechanisms, explosion properties and test methods, influence factors</i> |

The lecturers include explosion experts Dr. Kees van Wingerden and Dr. Scott Davis.





Registration

Pre-registration is required. Registration is FREE with early registration for the Mary Kay O'Connor Process Safety Center's International Symposium.

Online registration is available at: <http://engrevent.tamu.edu/event/100886> or you may send an e-mail to val-green@tamu.edu or gexconus@gexcon.com to register.

MKOPSC

The Mary Kay O'Connor Process Safety Center's mission is to promote safety as second nature in industry around the world with goals to prevent future accidents. The Center develops safer processes, equipment, procedures and management strategies to minimize losses within the processing industry. MKOPSC is located on the TAMU-College Station campus.

GexCon US

GexCon US is an engineering consulting firm that specializes in gas dispersion, fire and explosion safety. GexCon has extensive experience in gas & dust explosions, which includes explosion phenomena, safety assessments, accident investigations and experimental testing.

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GexCon www.gexcon.com / www.gexconus.com is an R&D and consulting company specializing in industrial explosion risk. 30 years of dedicated experimental research in the field of explosion safety has been carried out in parallel to the development of the commercial CFD-software FLACS for explosion and dispersion calculations. GexCon offers highly qualified explosion consequence services and software worldwide.