



Plastic Materials in Plant Engineering

Experience and new developments in the Industrial
Application of Thermoplastics and Linings

2nd International Conference
March 10 – 11, 2010, Munich, Germany

Sponsor:

SIMONA

TÜV SÜD Industrie Service GmbH
TÜV SÜD Akademie GmbH

TÜV®



The conference

Modern technical plastics have proven to be high-quality structural and lining materials in many areas of plant engineering.

The second international TÜV SÜD conference informs about latest market developments and the actual state of regulations. The use and performance of plastics in explosive atmosphere will be discussed, too. Apart from new developments in the field of welding technologies and the application of fluoropolymers, practical experiences with plastic materials are in the focus of the conference.

You will benefit from the reports of well-known companies and experts. Take the chance to meet skilled experts and to discuss the latest findings!

The conference addresses

- Plant design engineers and plant builders
- Manufacturers of chemical tank and equipment construction
- Manufacturers of pipe- and ventilation systems
- Engineers and designers
- Plant operators
- Manufacturers of raw materials and semi-finished products
- Research and development
- Government agencies and associations

Exhibition

Take the chance to inform yourself on services and products of various companies by visiting the exhibition.



Agenda on Wednesday, March 10

9:30 Welcome
Marcus Demetz, TÜV SÜD Industrie Service GmbH,
Munich, DE

Materials

Fluoropolymers

Chair: Thomas Böhm, Basell Polyolefine GmbH

9:45 Fluoropolymers and their applications –
from a manufacturer of fluoropolymer resin point of view
Daniel Stöcker, Solvay Solexis, Düsseldorf, DE
from a manufacturer of semi-finished products point
of view
Dr. Mirko Lotz, Quadrant EPP AG, Lenzburg, CH

10:35 Guidelines and standards
Michael Weyer, GF Piping Systems, Schaffhausen, CH

11:00 Coffee break

11:35 Failures of PTFE-Expansion Joints
Franz Hingott, TÜV SÜD Chemie Service GmbH,
Frankfurt/Main, DE

Plastic materials in explosive atmosphere

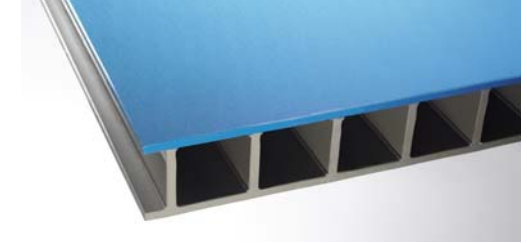
Chair: Dr. Jochen Coutandin, SIMONA AG

12:00 Application of the ATEX-Directives to synthetic materials
in equipment or plants in areas with potentially explosive
atmosphere
Dr. Bruno Bieker, Bayer MaterialScience AG,
Leverkusen, DE

12:30 Electrically conductive thermoplastics – basics and
applications
Dieter Eulitz, Bernhard Westermann, SIMONA AG, Kirn, DE

13:00 Lunch break

14:00 Speedbird Münchsmünster: usage of electric conductive
lining systems
Andreas Kunz, FRANK GmbH, Mörfelden, DE



New developments and applications

Chair: Kay Engel, TÜV SÜD Industrie Service GmbH

14:25 SIMONA Twin Wall Sheet – innovation in rectangular
tank construction
Marco Stallmann, SIMONA AG, Kirn, DE

14:50 High-pressure pipes made from polyethylene only –
a new generation of plastic pipes
Dr. Thorsten Späth, egeplast Werner Strumann GmbH &
Co. KG, Greven, DE

15:15 Coffee break

15:40 New product developments – inspection and certification
Frank Griebel, TÜV SÜD Industrie Service GmbH, Munich, DE

16:05 Benefits of new applications – a look into the future
Thomas Böhm, Basell Polyolefine GmbH, Frankfurt/Main;
Peter Schönbach, Borealis Deutschland GmbH, Düsseldorf

16:30 “Lord of the senses” – why our brain is tricking on us
Johannes Götze, Medienberatung Götze, Berlin, DE

17:00 End of first conference day

18:30 Evening event



Agenda on Thursday, March 11

Practical experience

Welding technologies

Chair: Dr. Marcus Hoffmann, SIMONA AG

- 8:30** Status of thermoplastic welding and welder qualification in North America
Ted Hutton, ARKEMA Inc., Wetmore CO, USA
- 8:55** Infrared welding of plastics with servo technique
Martin Dommer, WIDOS Wilhelm Dommer Söhne GmbH, Ditzingen, DE
- 9:20** Plastlite linings: a modular system for heavy corrosion protection
Hermann van Laak, Plasticon Germany GmbH, Dinslaken, DE
- 9:45** Problems to be solved for confident use of polypropylene in process equipment
Dr. Karin Jacobson, Swerea KIMAB, Stockholm, SE
- 10:10** Coffee break

Reports on recent projects

Chair: Frank Griebel, TÜV SÜD Industrie Service GmbH

- 10:40** Polyethylene pipes for heap-leaching applications in sub-arctic conditions
Anders Andtbacka, KWH Pipe Ltd, Vaasa, FI
- 11:05** Drinking water reservoir in Afghanistan
Torben Knöß, FRANK GmbH, Mörfelden, DE
- 11:30** Case of damage of a rectangular tank
Bernd Ernst, TÜV SÜD Industrie Service GmbH, Filderstadt, DE
- 11:55** Case stories – fields of application for big dimension buildings
Hans-Günter Fritzen, Andreas Wittner, Henze Plastic Pipe Technologie, Troisdorf, DE
- 12:20** Lunch break



Operating experience

Chair: Peter Schönbach, Borealis Deutschland GmbH

- 13:30** Calculation of the remaining service life of PE-pipes after long term operation
Dr. Joachim Hessel, HESSEL Ingenieurtechnik GmbH, Roetgen, DE
- 13:55** Thermoplastic corrosion protection in industrial applications
Dr. Markus Haager, W. Bohmayr, A. Lueghamer, AGRU Kunststofftechnik GmbH, Bad Hall, AT
- 14:20** Plastic valves in sophisticated industrial facilities
Sebastian Lindemann, FRANK GmbH, Mörfelden, DE
- 14:45** Summing up and outlook
- 15:00** End of the conference

Committee

- Thomas Böhm, Basell Polyolefine GmbH
- Dr. Jochen Coutandin, SIMONA AG
- Kay Engel, TÜV SÜD Industrie Service GmbH
- Frank Griebel, TÜV SÜD Industrie Service GmbH
- Andreas Kunz, FRANK GmbH
- Peter Schönbach, Borealis Deutschland GmbH

Networking

For meetings or intensive discussions you have the possibility to use meeting rooms at the venue.



Registration Fax +49 89 5791 – 2833

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Akademie

Conference Management



www.tuev-sued.de/tagungen

■ Name

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Registration fee: € 770,- plus VAT

Cancellation policy: Cancellation of registration up to 14 days prior to the event is free of charge. In case of cancellation beyond this deadline and up to the third working day prior the event, 50 % of the invoice amount is due for payment. In case of cancellation beyond this deadline or failure to participate in the event, the full amount of the invoice shall be due. I accept changes in the programme and the general terms and conditions of participation of TÜV SÜD Akademie GmbH.

■ Date / Signature

Conference fee

€ 770,- plus VAT

The registration fee includes conference documentation, lunch and drinks during breaks as well as the evening event.

Conference languages

German and English (simultaneous translation). Simultaneous translation will be offered to Spanish and French from 10 participants on (per language).

Conference venue

TÜV SÜD · Auditorium Chiemsee
Westendstrasse 199 · 80686 Munich · Germany

You will receive travel and hotel information with the confirmation of your registration.

Registration and information

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