

# IND EX® Industry Safety Forum (Shanghai, China)

Forum About Process Safety And Industrial Explosion Protection – A Cooperation Between IND EX® And TÜV SÜD



## Overview

- **Date:** 19<sup>th</sup> Aug. 2021
- **Location:** No.151 Heng Tong Road, Jing' an District, Shanghai, 200070, P. R. China
- **Participation fee:** 1,800 CNY/per person
- **Applications:** Mr. Wu, Zhouao [Zhouao.Wu@tuv-sud.cn](mailto:Zhouao.Wu@tuv-sud.cn) +86 136 2165 9181

## Agenda

Time	Topic	Speaker
09:00-09:30	Registration	
09:30-09:40	Welcome notice	Ing. K. De Gersem, TÜV SÜD Greater China, (CN)
09:40-10:10	Industrial Explosions and Industrial accidents recently happened in China	Prof. Dr. X. Zhang; Shanghai Institute of Technology (CN)
10:10-10:40	Ignition Sources, formation and prevention of Explosions	Ing. K. De Gersem, TÜV SÜD Greater China, (CN)
10:40-11:00	Coffee Break	
11:00-11:30	China Explosion protection inspection requirements	Mr. J. Xu; NEPSI (CN)
11:30-13:00	Lunch	
13:00-13:30	Hazard areas classification according to ATEX 1999/92/EU (Zoning classification)	Ing. R. Siwek; FireEx Consultant GmbH (CH)
13:30-14:00	Static Electricity, formation, ignition hazards, measures	Dr. T. Gmeinwieser; TÜV SÜD Process Safety (CH)
14:00-14:45	Explosion protection components: Type-tested according to the current state of the art - consequences for operators, equipment manufacturers and planners	Ms. Anita Felder; Rico Sicherheitstechnik AG; (CH)
14:45-15:00	Coffee Break	
15:00-15:45	Innovative solutions for fire and explosion protection in filter technology	Ing. Klaus Rabenstein; Herding GmbH Filtertechnik (DE)
15:45-16:30	Inerting, the correct application as per CEN/TR 15281	Ing. R. Siwek; FireEx Consultant GmbH (CH)
16:30-17:00	Final Discussion & Closing remarks Handover of Participants Certificate	Ing. R. Siwek, IND EX e.V., (DE) Ing. K. De Gersem, TÜV SÜD Greater China, (CN)



**Ing. Richard Siwek** is President of the IND EX® international association of experts for INDustrial EXplosion protection e.V. Together, the more than sixty IND EX® members get involved in projects and activities in order to enhance industrial explosion safety and a common safety standard. He is CTO of FireEx Consultant GmbH and has over 40 years of experience in consulting and developing comprehensive safety concepts for industry.



**Ing. Kristof De Gersem** - Manager of the Explosion Protection division at TÜV SÜD Greater China. China-Ex-pert with 15 years of solid experience in the field of Explosion Protection, Explosion proof products, Explosion Protection laboratory tests, research and end-user field safety for industrial plants at risks of Explosions. Member of IECEx 05 Committee. Chairman of the Global Work Group for Explosion Protection at TÜV SÜD.



**Ms. Anita Felder** is Deputy CEO of the Swiss company RICO Sicherheitstechnik AG, which is the manufacturer of mechanical explosion isolation components (among others VENTEX® and REDEX Flap®). She has been active in the field of explosion protection for more than 8 years and has a wide application knowledge in mechanical explosion isolation for different industries and machines.



**Prof. Dr. Xiaoliang Zhang** is Professor of Shanghai Institute of Technology; Director of the Institute of industrial safety and explosion protection; Visiting scholar of Key Laboratory of Fire Science in University of Science and Technology of China; Shanghai safety production expert; Editor of *China Powder Science and Technology*; Member of individual protection committee of China Occupational Safety and Health Association.



**Mr. Xu Junjun** is vice director of NEPSI Inspection department; Senior Engineer. 18 years' experience in hazardous area inspection. National Registered Safety Engineer National Registered Constructor. Voluntary product certification auditor. Registered teacher and examiner for Ex Special operations.



**Dr. Thomas Gmeinwieser** is process safety consultant at TÜV-SÜD; Process Safety, Basel. He has more the 15 years of experience in risk analyses, chemical reaction hazards, electrostatics, product safety and design of pressure relief systems. He is tutor and lecturer at BG-RCI Germany for HAZOP and chemical reaction hazards.



**Ing. Klaus Rabenstein** is working for Herding since 1991. His area of work comprises the further development of solutions for the filtration technology and for fire and explosion protection. In addition to his active work in committees of the VDI, the VDMA and the GDV he is chairman of the VDMA working group "Dust Removal Technology". Trainings, lectures, seminars and work-shops complete his profile.

## Organizer:



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时间	主题	演讲人
09:00-09:30	现场注册	
09:30-09:40	欢迎词	Ing. K. De Gersem, TÜV南德 (中国)
09:40-10:10	中国最近发生了工业爆炸和工业事故	张小良教授; 上海应用技术大学 (中国)
10:10-10:40	点燃源, 爆炸的形成以及预防	Ing. K. De Gersem, TÜV南德 (中国)
10:40-11:00	茶歇	
11:00-11:30	中国防爆现场安全检查的新要求	许俊俊先生; 上海仪器仪表自控系统检验测试所 (NEPSI) (中国)
11:30-13:00	午餐	
13:00-13:30	根据欧盟ATEX 1999/92/EU指令的危险区域分类	Ing. R. Siwek; FireEx Consultant GmbH (德国)
13:30-14:00	静电以及静电的形成、着火危险与措施	Dr. T. Gmeinwieser; TÜV SÜD Process Safety (瑞士)
14:00-14:45	防爆部件: 根据最新技术进行型式试验-对操作员、设备制造商和规划者的影响	Ms. Anita Felder; Rico Sicherheitstechnik AG; (瑞士)
14:45-15:00	茶歇	
15:00-15:45	过滤技术防火防爆创新解决方案	Ing. Klaus Rabenstein; Herding GmbH Filtertechnik (德国)
15:45-16:30	惰化, 依据CEN/TR 15281标准的正确应用	Ing. R. Siwek; FireEx Consultant GmbH (C德国)
16:30-17:00	现场最终讨论环节和闭幕词 参与者的颁证仪式	Ing. R. Siwek, IND EX e.V., (德国) Ing. K. De Gersem, TÜV南德



Richard Siwek是IND-EX®国际工业防爆专家协会主席。60多名IND-EX®成员共同参与项目和活动，以提高工业防爆安全和并致力于共同的安全标准。他是FireEx Consultant GmbH公司的首席技术官，在咨询和开发行业综合安全概念方面拥有40多年的经验。



Ing. Kristof De Gersem -TÜV SÜD大中华区防爆部门经理。中国防爆专家，在防爆、防爆产品、防爆实验室试验、研究和最终用户现场安全等领域拥有15年的丰富经验。IECEX 05委员会成员。TÜV SÜD全球防爆工作组主席。



Anita Felder女士是瑞士RICO Sicherheitstechnik AG公司的副首席执行官，该公司是机械隔爆设备（VENTEX®和REDEX Flap®等）的制造商。她活跃于防爆领域8年多，对不同行业和机器的机械隔爆有广泛的应用知识。



张小良教授，上海应用技术大学教授，工业安全与防爆研究所所长，中国科技大学火灾科学重点实验室访问学者，上海市安全生产专家，《中国粉末科学技术》主编；中国职业安全卫生协会个人防护委员会委员。



许俊俊先生，NEPSI检验部副主任，高级工程师。18年危险区域检查经验。国家注册安全工程师，国家注册建造师。自愿产品认证审核员。防爆实操的注册教师和考官。



Thomas Gmeinwieser博士是TÜV-SÜD过程安全顾问。他在风险分析、化学反应危害、静电学、产品安全和泄压系统设计方面有超过15年的经验。他是德国BG-RCI的HAZOP和化学反应危害的导师和讲师。



Ing. Klaus Rabenstein 从1991年开始为Herding公司工作。他的工作领域包括进一步开发过滤技术和防火防爆解决方案。除了积极参与VDI、VDMA和GDV标准委员会的工作外，他还是VDMA“除尘技术”工作组的主席。他也积极投身于培训、讲座、研讨会和论坛演讲。

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