Ex Protection

INDUSTRY 4.0

Invitation to Workshop - September 03, 2018
Industry 4.0: Digitalization in conjunction with Functional Safety
and Explosion protection ATEX / IECEx

Explosive topic: Explosion protection ATEX / IECEx
– Speaker: Dipl.-Ing. Christian Lechtenböhmer, Manager test laboratory ex-proof devices, TÜV Rheinland Industrie Service –

In the area of conflict between user and manufacturer, there is often uncertainty about the measures to be applied in explosion protection as well as the separation of responsibilities!

- Explosion protection ATEX / IECEx: Overview of the relevant directives
- The conformity assessment procedures according to directive
- The own machine with internal Ex zones
- The IECEx system

Industry 4.0: Digitalization in conjunction with Functional Safety
– Speaker: Dipl.-Ing. Joerg Krämer, Manager TÜV Rheinland Functional Safety and Cyber Security Program –

Industrial automation systems are under attack! The regulations therefore force plant operators to install a security management system. This requires secure systems that are composed of safe components. What makes a secure device / system and what functional safety and cyber security mean in practice, you will learn in this workshop!

- What makes a secure device / system?
- What does Functional Safety and Cyber Security mean?
- Functional Safety versus Cyber Security – Differences?
- Security Level and Safety Integrity Level?
- Which standards provide assistance with the realisation of secure systems?

Device and system solutions for Industry 4.0 | Functional Safety | Explosion protection ATEX / IECEx
– Presented by Müller Industrie-Elektronik and Hesch Industrie-Elektronik –

Workshop on Monday
September 03, 2018
9:30 a.m. - 4:30 p.m.

Schloss Landestrost, Kaminsaal
Schlossstraße 1
31535 Neustadt am Rübenberge

A sales event in cooperation of Müller Industrie-Elektronik with HESCH Industrie-Elektronik and TÜV Rheinland

MÜLLER
INDUSTRIE - ELEKTRONIK GMBH

TÜVRheinland®

HESCH
AUTOMATION PARTNER

Workshop | Registration

Workshop – September 03, 2018
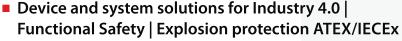Industry 4.0: Digitalization in conjunction with Functional Safety and Explosion protection ATEX / IECEx

Ex Protection ATEX / IECEx

■ **Explosive topic: Explosion protection ATEX / IECEx**
– Speaker Dipl.-Ing. Christian Lechtenböhmer, Manager test laboratory explosion-proof devices, TÜV Rheinland Industry Services –

■ **Industrie 4.0 / Digitalization in conjunction with Functional Safety**
– Speaker: Dipl.-Ing. Joerg Krämer, Manager TÜV Rheinland Functional Safety and Cyber Security Program –

INDUSTRY 4.0 | Functional Safety

■ **Device and system solutions for Industry 4.0 | Functional Safety | Explosion protection ATEX/IECEx**
– Presented by Müller Industrie-Elektronik and Hesch Industrie-Elektronik –

Participation in the event is completely without obligation and free of charge.
The lectures will be held in German. Handouts in English language are available for you.

All-Round Safety Package | Ex Devices

■ **Workshop registration**

Company:	
I / we participate:	☐
Number of participants:	☐
I / we need hotel booking:	☐
Names of the participants:	
E-Mail Contact person:	

E-Mail: marketing@mueller-ie.com
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Schloss Landestrost

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