SIEMENS

Online-Training - Explosionsschutz für Anwender (Service, Anlagenplaner) (SC-S-EXUS)

Short Description

Online-Training:
The requirements of the European directives for use in potentially explosive atmospheres are the main topics of the course. On practical examples it will be explained, what users have to consider when facility design, installing, commissioning and maintaining devices, components, device groups and systems, that are partially or completely located in explosive areas.

Objectives

This course teaches you basic knowledge of explosion protection.

Target Group

The course is aimed at participants working in plant planning, installation, commissioning and service.

Content

Basics
- Overview types of protection
- Definitions and characteristic quantities
- Marking

Requirements for application
- Preconditions for application
- Explosion protection document
- Zone separation
- Device selection

Application of equipment
- Flameproof enclosure (Ex d) and increased safety (Ex e)
- Pressurized enclosure (Ex p)
- Intrinsic Safety (Ex i)

Exercises

Type

Online-Training

Duration

3 hours

Language

de

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