

STANDARD SSG 4102

# EXPLOSION-HAZARD APPLICATIONS ELECTRICAL AND MECHANICAL INSTALLATIONS

These instructions give a composite picture of relevant provisions, laws, regulations and technical rules for electrical and mechanical installations that are covered by explosion-hazard applications. The owner of the plant is responsible for the plant being constructed in such a way and kept in such condition that it provides the necessary safety for persons, domestic animals and property.



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## Explosion-hazard applications - Electrical and mechanical installations

*Information within brackets ([...]) in this document refers to local regulations.*

### Scope

These instructions give a composite picture of relevant provisions, laws, regulations and technical rules for electrical and mechanical installations that are covered by explosion-hazard applications. The owner of the plant is responsible for the plant being constructed in such a way and kept in such condition that it provides the necessary safety for persons, domestic animals and property.

However, the instructions do not claim to totally complete or exhaustive but certainly represent support in association with inquiries, purchasing, planning, installation, maintenance, etc. of electrical and mechanical plants in risk areas with explosive gas mixtures and/or dust mixtures.

### Changes since the previous edition

This edition differs from the previous edition in that it has been updated according to the current template for SSG standards and that references have been updated.

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