

Explosion-proof motors

Technical information

Benefits

The explosion-proof motors from Siemens offer the user numerous advantages:

- The motors are designed to IEC/EN 60079-0 and IEC/EN 60079-15 or IEC/EN 60079-31 and EC Directive 2014/34/EU. As product supplier, Siemens accepts responsibility for compliance with the applicable product standards for the selected equipment.
- By using this product, the plant operating company satisfies Directive 1999/92/EC in accordance with Appendix II B. The plant operating company is responsible for correct selection and proper use of the equipment.
- Comprehensive series of Ex motors for protection against gas and dust.
- Individual versions of motors are possible thanks to the numerous catalog order codes.
- Further special versions are possible on request.
- The Operating Instructions (Compact) are available in all the official EU languages as well as Russian and Chinese.

Application

The explosion-proof motors are used in the following sectors to prevent explosion hazards that result in serious injury to persons and severe damage to equipment:

- Chemical and petrochemical industry
- Pumping crude oil and natural gas
- Gas works
- Gas supply companies
- Petrol stations
- Coking plants
- Mills (e.g. grain, solids)
- Sewage treatment plants
- Wood processing (e.g. sawdust, tree resin)
- Other industries subject to explosion hazards