

Manufacturer's declaration to Directive 94/9/EC (ATEX)

Scope:

This declaration covers all valves of W.T. Armatur GmbH

Acc. EN 1127 part 1 Explosion prevention, the potential ignition sources for the valves of W.T. Armatur GmbH are:

1. Mechanical produced sparks
2. Sparks produced by electrostatic potential

According EN 13463 part 1 Non-electrical equipment for potentially explosive atmospheres the ignition hazard analysis was conducted.

A) Evaluation


1. During operation of the valve there is no risk that sparks are created mechanically.
2. No valve of W.T. Armatur GmbH has an isolating internal lining! So, no electrical potential can be built up. All occurring currents will be guided away through bolts and nuts and connecting flanges!

B) Result

1. Valves from W.T. Armatur GmbH have no own potential ignition source. The valves do not fall under the scope of the directive 94/9/EC!
2. Electrical or mechanical actuators have to apply to directive 94/9/EC (ATEX) by separate manufacturers declarations.

The valves of W.T. Armatur GmbH can be used in potentially explosive atmospheres without any restriction.

Applied standards: AD 2000 rules, DIN EN 12266, DIN EN 1092, DIN EN 558 etc.



Manufacturer's expert