

Manufacturer's Declaration on the ATEX Directive (explosion protection)

European Directive 2014/34/EU (ATEX) governs the requirements for equipment that is operated in potentially explosive atmospheres. Here, the potentially explosive atmosphere is the surrounding atmosphere. As of 20 April 2016, this European Directive has applied to the operation of electrical and non-electrical equipment in the EU member states.

The items of equipment named below were examined by means of an ignition hazard assessment to establish their suitability for use in potentially explosive atmospheres. The items of equipment do not have their own potential ignition source, in accordance with Annex II, section 1.3. Therefore, on the basis of Art. 2, section (1), the Directive does not apply.

According to Article 30(2) of Regulation (EC) No 765/2008, these items of equipment must not be labelled with the CE mark within the context of Directive 2014/34/EU. Neither do these items require a Declaration of Conformity in accordance with 2014/34/EU.

When used for their intended purpose – described in the relevant GESTRA data sheets and Installation & Operating Manuals – and as they do not have their own potential ignition source, the items of equipment named below may be used in potentially explosive atmospheres.

The GESTRA items of equipment mentioned below, in the version without electrical or pneumatic attachments, are suitable for operation in the following zones:
Zones 0, 1, 2 (gases).

Steam traps, steam trap accessories:

Type AK, BK, DK, GK, IB, MK, SMK, TK, UBK, UC, UNA, VK

Mechanical closed-loop control valves:

Type BW, CW, MCW

Mechanical open-loop control valves:

Type ZK

Continuous blowdown valves:

Type BA

Special equipment and vessels for heat recovery:

Type TD, ED, KMS

The GESTRA items of equipment mentioned below are suitable for operation in the following zones:
Zones 0, 1, 2 (gases) and Zones 20, 21, 22 (dusts).

Check valves:

Type BB, CB, MB, RK, SBO.

Strainers:

Type SZ.

Requirements:

For Gas Group IIC, coatings must not have a thickness in excess of 200 µm and plastic stickers are limited to 20 cm² each.

If coatings are thicker and plastic stickers are larger, the appropriate Gas Group will be IIB. This permits coating thicknesses of < 2 mm and the use of plastic stickers measuring 100 cm².

Note: Some electrical and non-electrical items marketed by GESTRA and not mentioned here have undergone a conformity assessment by the original manufacturer and can be used in certain potentially explosive atmospheres. If you have any questions about using this equipment in potentially explosive atmospheres for your particular application, please contact us. If necessary, you can find details in the relevant data sheets, Installation & Operating Manuals and Declarations of Conformity.

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p.p.



Kerstin Borchers
ATEX Officer