Innovative solutions
Environmental technology

Declaration of Conformity EU

Note: This Declaration of Conformity and the CE mark affixed to the nameplate are valid for the vacuum pump within the scope of delivery by TST electronics GmbH. When this vacuum pump is integrated into a superordinate machinery the manufacturer of the superordinate machinery (this can be the operating company, too) must be conduct the conformity assessment process acc. to the Directive Machinery 2006/42/EC for the superordinate machine, issue the Declaration of Conformity for it and affix the CE mark.

We
TST electronics GmbH
Berliner Straße 42
58135 Hagen
Germany

declare that the **vacuum pump SG 0008 A**

EU-Type-Examination Certificate: PTB 18 ATEX 4001
Accredited laboratory: No. 0102 PTB, Bundesallee 100, 38116 Braunschweig, Germany
Audit: CE 0637
in accordance with the European Directives:
- „ATEX“ 2014/34/EU for use in potentially explosive areas acc. to the nameplate,
- „Machinery“ 2006/42/EG,
- „Electromagnetic Compatibility“ 2004/108/EG,
- „Restriction of the use of certain hazardous substances in electrical and electronic equipment“ („RoHS“) 2002/95/EG

have been designed and manufactured to the following specifications

Standard	Titel of the Standard
Harmonised Standard	
EN ISO 12100	Safety of machinery – General principles for design – Risk assessment and risk reduction
EN ISO 13857	Safety of machinery – Safety distances to prevent hazard zones being reached by the upper and lower limbs
EN 1012-1 EN 1012-2	Compressors and vacuum pumps – Safety requirements – Part 1 and 2
EN ISO 2151	Acoustics – Noise test code for compressors and vacuum pumps – Engineering method (grade 2)
EN 60204-1	Safety of machinery – Electrical equipment of machines – Part 1: General requirements
EN 61000-6-1 EN 61000-6-2	Electromagnetic compatibility (EMC) – Generic immunity standards
EN 61000-6-3 EN 61000-6-4	Electromagnetic compatibility (EMC) – Generic immunity standards
EN 60079-1	Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures „d“
EN ISO 80079-36	Non-electrical equipment for potentially explosive atmospheres – Part 1: Basic methodology and requirements
EN 13463-3	Non-electrical equipment for potentially explosive atmospheres – Part 3: Protection by flame proof enclosure “d”
EN ISO 80079-37	Non-electrical equipment for potentially explosive atmospheres – Part 5: Protection by constructional safety “c”
EN 1127-1	Explosives atmospheres – Explosion prevention and protection – Part 1: Basic concepts and methodology
EN ISO 16852	Flame arresters – Performance requirements, test methods and limits for use

Hagen, 2023.07.30
Place and Date

J. Aiysh
The Management