EC Declaration of Conformity according to Machinery Directive 2006/42/EC

Adsorber TB-RV

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hereby declares that the following adsorber:

Series: TB-RV
Description: Hanging breathers with Valves
Materials: Aluminium, Polycarbonate, Polyamide, FKM, GIEBEL Xdry, Carbon

complies, by virtue of its design and construction and in the version placed on the market by GIEBEL Group GmbH, with the applicable essential health and safety requirements of the relevant European legislation listed below.

Applicable European Directives and Regulations

EC Directive 2006/42/EC – EC Machinery Directive
EMC Directive 2004/108/EU – Electromagnetic Compatibility
EC Directive 2014/34/EU – ATEX Products
EU Directive 2011/65/EU – Pollutant-freedom
Regulation 1907/2006 – REACH Regulation

Standards and Technical Specifications Applied

The following standards and technical specifications have been applied, where relevant:

DIN EN 12100 – Safety of machinery, terminology, Risk assessment and risk reduction
DIN EN 82079 – Preparation of instructions, structuring, content and presentation
DIN EN ISO 4413 – Fluid technology – General rules and safety requirements for hydraulic systems and their components
EN 61000-1-2 – Electromagnetic compatibility (EMC)
DIN EN 1127 – Explosive atmospheres
DIN EN 13463 – Non-electrical equipment for use in potentially explosive atmospheres
ISO 2941 – Hydraulic fluid power – Filter elements – Verification of collapse/burst pressure rating
ISO 2943 – Hydraulic fluid power – Filter elements – Verification of material compatibility with fluids
ISO 3968 – Hydraulic fluid power – Filters – Evaluation of differential pressure versus flow characteristics

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DIN 19704 – Hydraulic steel structures

Any modification to the product made without the prior written approval of GIEBEL Group GmbH shall render this Declaration of Conformity invalid.

Issued by



Heinrich Laas

CEO **GIEBEL** Group
Bretzfeld, September 2026

GIEBEL