

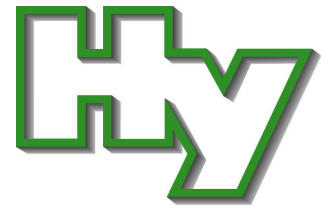
Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Direktor: Prof. Dr. rer. nat. L. Dunemann

Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.

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Reference: W-310656zdke-19-Ho
Contact person: Dipl.-Ing. (FH) S. Horn

Test - certificate

hygiene – conformity check to the design requirements of selected technical guidelines

Testing Center: Hygiene Institut des Ruhrgebiets
Institut für Umwelthygiene und Toxikologie
Rotthauer Straße 21
49879 Gelsenkirchen

Test specimen: cross- and counterflow plate heat exchanger
(incl. dampers)
Type G (Gotthard) Type S
Type K (Krivan) Type F

Producer: Hoval Aktiengesellschaft
Austrasse 70
9490 Vaduz
Liechtenstein

Basis of the testing: ✓ VDI 6022, Blatt 1 (01/2018) ✓ VDI 3803, Blatt 1 E (08/2018)
✓ DIN 1946, 4 (09/2018)
✓ ÖNORM H6021 (08/2016) ✓ ÖNORM H6020 (03/2015)
✓ SWKI VA104-01 (01/2019) ✓ SWKI VA105-01 (07/2015)

Validity period: 5 years (04/2019 – 04/2024)

Test report: W-310656-19-Ho



In conclusion it can be stated that the examined cross- and counterflow plate heat exchanger (incl. dampers) Type G (Gotthard) Type S, Type K (Krivan) and Type F, as specified in the test report W-310656-19-Ho, is in compliance with the above mentioned regulations.

(Priv.-Doz. Dr. G.-J. Tuschewitzki)
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In the context of the hygiene - conformity check the hygienic relevant requirements of the above-mentioned guidelines were tested. Requirements of other guidelines, which refer to the above-mentioned guidelines, were not tested. Furthermore, the hygiene - conformity check does not cover toxicological and sensorial tests of the used materials.

Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V., Vereinsregister: VR 519 Amtsgericht Gelsenkirchen, USt-ID: DE125018356

Vorstand: Prof. Dr. Werner Schlake (Vors.), Prof. Dr. Jürgen Kretschmann, Dr. Emanuel Grün, Dr. Dirk Waider, Prof. Dr. Lothar Dunemann (geschäftsführ. Vorstand)