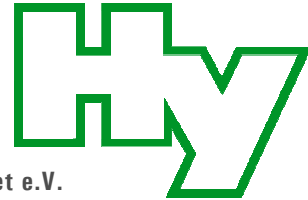


# Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Director: Dr. Thomas-Benjamin Seiler

Legal Entity: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.



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Our reference: W-345807-21-Zd  
Contact person: Dipl.-Ing. (FH) S. Horn

Gelsenkirchen, 16.06.2021

## Test - certificate

hygiene-conformity check to the design requirements of  
selected regulations

Test institute: Hygiene Institut des Ruhrgebiets  
Institut für Umwelthygiene und Toxikologie  
Rotthäuser Straße 21  
45879 Gelsenkirchen

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

Manufacturer: Hoval Aktiengesellschaft  
Austrasse 70  
9490 Vaduz  
Liechtenstein



Basis of the examination: ✓ VDI 6022, sheet 1 (01/2018) ✓ DIN 1946, part 4 (09/2018)  
✓ VDI 3803, sheet 1 (05/2020) ✓ ÖNORM H 6020 (06/2019)  
✓ ÖNORM H 6021 (08/2016) ✓ SWKI VA104-01 (01/2019)  
✓ SWKI VA105-01 (08/2015)

Validity period: 5 years 06/2021 – 06/2026

Test report: W-345807-21-Zd

In conclusion it can be stated that the examined cross- and counterflow plate heat exchanger ( incl. dampers )  
Typ G (Gotthard), Typ S, Typ K (Krivan) and Typ F, as specified in the test report W-345807-21-Zd, is in compli-  
ance with the above mentioned regulations.

(Dipl.-Ing. (FH) S. Horn)  
Head of the Department hygienic building technology

(B. Zeidler)  
Clerk of the Department hygienic building technology

issued 16.06.2021, Gelsenkirchen

Within the framework of the conformity check the hygiene-relevant requirements of the above mentions regulations was examined. Requirements of other regulations that refer to the above mentioned regulations were not part of the examination. Additionally, the conformity check does not include a toxicological or sensory testing of the introduced materials.