

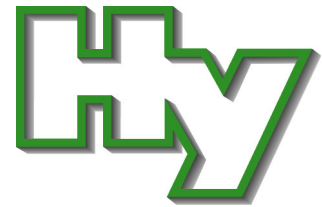
# Hygiene-Institut des Ruhrgebiets

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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Unser Zeichen: W-279049ze-16-Ho  
Ansprechpartnerin: Dipl.-Ing. (FH) S. Horn

## Test - certificate

### hygiene-conformity check to the design requirements of selected regulations

Test institute: Hygiene Institut des Ruhrgebiets  
Institut für Umwelthygiene und Toxikologie  
Rotthauer Straße 21  
49879 Gelsenkirchen

Test object: counter-flow plate heat exchanger  
type G (Gotthard)

Manufacturer: Hoval Aktiengesellschaft  
Austrasse 70  
9490 Veduz  
Liechtenstein

Basis of the examination:

- ✓ VDI 6022, Blatt 1 (07/2011)
- ✓ VDI 3803, Blatt 1 (02/2010)
- ✓ DIN 1946 - 4 (12/2008)
- ✓ ÖNorm H6020 (03/2015)
- ✓ ÖNorm H6021 (08/2016)
- ✓ SWKI VA104-01 (04/2006)
- ✓ SWKI VA105-01 (07/2015)

Validity period: 5 years 03/2017 – 03/2022

Test report: W-279049-16-Ho

In conclusion it can be stated that the examined counter-flow plate heat exchanger type G (Gotthard), as specified in the test report W-279049-16-Ho, are in compliance with the design requirements of the above mentioned regulations.

(Priv.-Doz. Dr. G.-J. Tuschewitzki)  
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Within the framework of the conformity check the hygiene-relevant requirements of the above mentioned 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.

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, Volker Vohmann, Prof. Dr. Lothar Dunemann (geschäftsführ. Vorstand)