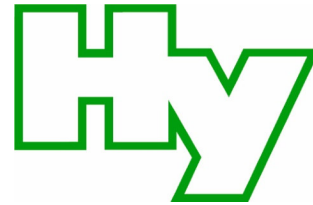


Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Director: Dr. Thomas-Benjamin Seiler

Legal Entity: Verein des Hygiene-Instituts des Ruhrgebiets e.V.



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Our reference: W-417813e-Zd-26
Contact person: B. Zeidler

Gelsenkirchen, 10.08.2026

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:	Rotary heat exchangers of the types ST1, ST3, SC1, SE3, SH1 and HM1
Manufacturer:	Hoval Aktiengesellschaft Austrasse 70 9490 Vaduz Liechtenstein
Basis of the examination:	✓ VDI 6022, sheet 1 (01/2018)* ✓ VDI 3803, sheet 1 (05/2020) ✓ ÖNORM H 6020 (03/2024)** ✓ ÖNORM H 6021 (01/2023) ✓ SWKI VA104-01 (01/2019)* ✓ SWKI VA105-01 (08/2015)*
Validity period:	5 years 08/2026 – 08/2031
Test report:	W-417742-26-Zd, W-417743-26-Zd, W-417744-26-Zd, W-417745-26-Zd, W-417746-26-Zd, W-417747-26-Zd



In conclusion, it can be stated that the examined Rotary heat exchangers, as specified in the test reports W-417742-26-Zd, W-417743-26-Zd, W-417744-26-Zd, W-417745-26-Zd, W-417746-26-Zd and W-417747-26-Zd complies with the above-mentioned regulations.

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

(J. Rolle B. Eng.)
clerk of the Department hygienic building technology

issued 10.08.2026, Gelsenkirchen