



Österreichische Vereinigung für das Gas- und Wasserfach

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Accredited by the Federal Ministry  
for Digital, Business and Enterprise of the Republic of Austria



## ÖVGW Certificate

of the conferment of the right to use  
the ÖVGW Quality Mark for Water

Registration number

**W 1.166**

Period of validity

**until the end of April 2021**

Owner ♦ Distribution in Austria

**E. Hawle Armaturenwerke GmbH**  
Wagrainerstraße 13  
4840 Vöcklabruck

Manufacturer

E. Hawle Armaturenwerke GmbH / AT

Type of test

Supplementary test

Reason for supplement

New types 4450 E3 and 4460 E3

Test report

TGM – VA HL 8593 dated 9 June 2018

Quality standards / Testing directives

- QS-W 501/1 version December 2014  
in combination with ÖNORM Standards  
EN 1074-1 and 1074-2

Product

**Combi - III**

Flange T-piece with gate valve  
(soft sealing wedge gate valve)  
with 2 or 3 gates

for feeding the drinking water supply system  
with cold water, PN16

Type: 4450 E2

DN 80, 100, 125, 150, 200  
without vertical connection

4450 E3

DN 80, 100, 125, 150, 200  
without vertical connection

4460 E2

DN 100, 150, 200  
with DN 100 vertical connection

4460 E3

DN 100, 150, 200  
with DN 100 vertical connection

with the following registration features:

- for underground and shaft installation
- manually or motor-operated

20The conferment is based on the General Terms and Conditions GW 30 ÖVGW Quality Mark for Gas & Water Products  
"Conditions for the award of the ÖVGW Quality Mark for gas and water supply products."

Vienna, 20 June 2018

Dipl.-Ing (FH) Alexander Schwanzer  
Head of the ÖVGW Certification Office