

**ITIS B.V.**

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Test certificate
202300256-C001

API 641 QUALIFICATION CERTIFICATE

This certificate is to certify that the valve below has passed the requirements for fugitive emission and operability according to standard: API standard 641, first edition, October 2016 "Type Testing of Quarter-turn Valves for Fugitive Emissions".

Test valve details

Manufacturer : Valmet Flow Control Oy
Address : Vanha Porvoontie 229, 01380 Vantaa, Finland
Nominal size : NPS 4 / DN100
Pressure rating : Class 300
Type : Butterfly valve
Valve design : ASME B16.34
Drawing number : F95488 rev. C, date: 15-09-2022
Body material : ASTM A351 gr. CF8M/1.4408
Stem material : A564 gr. 630 H1150D
Serial number : H4005946458.01
Actuator : Brand: Neles, type: B1CU9/15, max. operating pressure: 4.0barg

According to API 641, section 11, the specified range for covering other valves is:

Description	Tested valve	Scope
API 641 Valve group	Group B	Group B
Stem Diameter	20.0mm	10.0mm up to 30.0mm
Stack height	19.2mm	14.4mm up to 24.0mm
Stem motion	¼ turn stem	¼ turn stem
Stem Seal Material	Graphite	Graphite
Stem seal brand	Nippon Pillar	Nippon Pillar

Disclaimer: Under no circumstances ITIS B.V. can be held responsible applying the above mentioned covering range

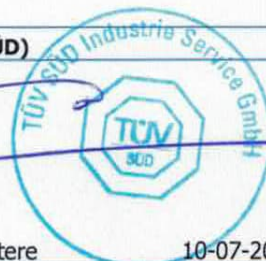
This certificate refers to the above mentioned test valve. This certificate does not imply assessment of the production of the valves. This certificate is only valid in conjunction with the full ITIS BV test report number 202300256-R001.

Approved signatory

A. Floor

A. Floor

10-07-2023

Name (TÜV SÜD)

I. van Remoortere

10-07-2023