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Test Certificate
201900416-C001



Industrie Service

API 641 QUALIFICATION CERTIFICATE

This certificate is to certify that the valve below has been successfully tested according to standard:
API standard 641, first edition, October 2016 "Type Testing of Quarter-turn Valves for Fugitive Emissions".

Test valve details

Manufacturer	: Metso Flow Control Inc.
Address	: Vanha Porvoontie 229, 01380 Vantaa, Finland
Nominal size	: NPS 4, DN 100
Pressure rating	: Class 300
Valve Type	: Ball Valve
Design standard	: ASME B16.34
Drawing number	: F12006 rev.D date: 03-02-2014
Serial number	: H4005034492.01
Body material	: ASTM A216 gr. WCB/1.0619
Stem material	: ASTM A479 gr. XM-19
Body gasket material	: Spiral Wound Gasket 316 + Graphite
Stem diameter (OD _{stem})	: 35 mm
Gland stud / nut material	: A193 Gr.B7 / A194 Gr.2H
Actuator	: Metso, B1CU20/70

Valve stem seal information

Manufacturer	: James Walker
Stem seal description	: Graphite
Model/Type	: Supagraf Premier
Included in API 622 scope	: Yes
Stem seal material	: Graphite
Number of rings	: 4
Gland torque	: 57.6 Nm at start of the test
Outer stem seal dimension (OD)	: 47.7 mm
Inner stem seal dimension (Od)	: 35 mm
Stack Height	: 25.2 mm
Stem seal chamber depth	: 29.2 mm

Name (ITIS)	Name authority (TÜV SÜD)
TESTED REVIEW WITNESSED Date/Signature Industrial Testing & Inspection Services 	 I. van Remoortere 15-11-2019

A. Floor

15-11-2019

I. van Remoortere

15-11-2019