

**ITIS B.V.**

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ITIS Certificate
201700493-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, FI-01380 Vantaa, Finland
Nominal size : NPS 6, DN 150
Pressure rating : Class 300
Valve Type : Trunnion mounted Ball valve
Design standard : ASME B16.34 / API 608
Drawing number : F87667, issue 0, date: 07-02-2018
Serial number : H2987536.01
Body material : ASTM A351 gr. CF8M
Stem diameter (OD_{stem}) : 40 mm
Actuator : Metso, B1CU13/55

Valve qualification range: (see par. 11 of API 641)

Description	Tested valve	Scope
API 641 Valve group	Group B max P _e 33barg	Group B max P _e 33barg
Stem Diameter	40 mm	20 mm up to 80 mm
Set height	25.6 mm	19.2 mm up to 32 mm
Stem motion	¼ turn stem	¼ turn stem
Stem Seal Material	Graphite	Graphite

This certificate must be read in conjunction with the full ITIS BV test report number 201700493-R001

Name (ITIS)	☒ TESTED ☐ REVIEW ☐ WITNESSED Date/Signature Industrial Testing & Inspection Services B.M.A. Elenbaas 09-02-2018	Name authority (TUV SUD) Mr. P. Deleu 09-02-2018
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