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Test certificate:
 201900076-C002



Industrie Service

ISO 15848-1 QUALIFICATION CERTIFICATE

This certificate is to certify that the valve below has passed the fugitive emission requirements according to standard: Industrial valves - Measurement, test and qualification procedures for fugitive emissions - Part 1: Classification system and qualification procedures for type testing of valves (ISO 15848-1:2015).

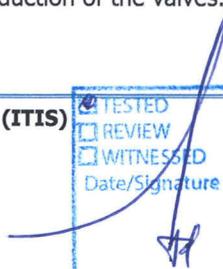
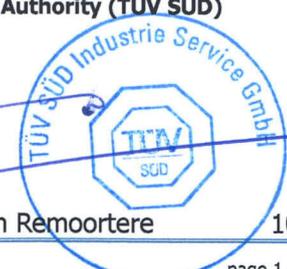
Test valve details

Manufacturer : ERIKS Flow Control
 Address : Cypresbaan 63, 2908 LT Capell a/d Ijssel, the Netherlands
 Nominal size : 1-1/2" / DN40
 Pressure rating : Class 600
 Type : Ball valve
 Valve design : EN 12516-1
 Drawing number : B37624 rev.C date: 20-12-2016
 Body material : A351 CF8M
 Stem material : AISI 316
 Gearbox : n.a.

Valve qualification range: (according par. 8 of ISO 15848-1)

Description	Tested valve	Scope
1 st Stem Seal Material	O-ring Viton	O-ring Viton
2 nd Stem Seal Material	R-PTFE	R-PTFE
Stem Diameter (OD _{stem})	20mm	10mm up to 40mm
Stem motion	Quarter turn	Quarter turn
Body gaskets	R-PTFE	R-PTFE
Pressure Class	Class 600	Class 600 and below
Endurance Class	CO1	CO1
Temperature Class	tRT	5°C to 40°C
Tightness Class	AH	AH or less severe
Performance class: ISO FE AH – CO1 – SSA 0 – tRT – Class 600 – ISO 15848-1		

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 201900076-R004.

<p>Name operator (ITIS)</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <input checked="" type="checkbox"/> TESTED <input type="checkbox"/> REVIEW <input type="checkbox"/> WITNESSED Date/Signature  Industrial Testing & Inspection Services  </div> <p>P. van Tol 10-01-2020</p>	<p>Name Authority (TÜV SÜD)</p> <div style="text-align: center;">  </div> <p>I. van Remoortere 10-01-2020</p>
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Test certificate:
 201900076-C001



Industrie Service

ISO 15848-1 QUALIFICATION CERTIFICATE

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Test valve details

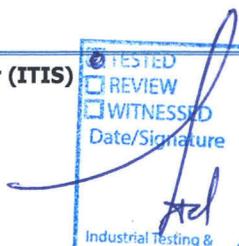
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Description	Tested valve	Scope
1 st Stem Seal Material	O-ring Viton	O-ring Viton
2 nd Stem Seal Material	R-PTFE	R-PTFE
Stem Diameter (OD _{stem})	20mm	10mm up to 40mm
Stem motion	Quarter turn	Quarter turn
Body gaskets	R-PTFE	R-PTFE
Pressure Class	Class 600	Class 600 and below
Endurance Class	CO3	CO3 or less severe
Temperature Class	tRT	5°C to 40°C
Tightness Class	BH	BH or less severe

Performance class: ISO FE BH — CO3 — SSA 0 — tRT — Class 600 — ISO 15848-1

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 201900076-R003.

<p>Name operator (ITIS)</p> <div style="border: 1px solid black; padding: 5px;"> <input checked="" type="checkbox"/> TESTED <input type="checkbox"/> REVIEW <input type="checkbox"/> WITNESSED Date/Signature  P. van Tol 10-01-2020 Industrial Testing & Inspection Services  </div>	<p>Name Authority (TÜV SÜD)</p> <div style="border: 1px solid black; padding: 5px;">  I. van Remoortere 10-01-2020 </div>
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