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Test certificate:
 201800200-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 : Ramén Valves AB
 Address : Fredsforsstigen 22A, 16867 Bromma, Sweden
 Nominal size : DN50
 Type : Ball Sector Valve
 Assembly drawing number : E-310003 rev.0
 Body material : SS 316
 Stem material : SS 329
 Sliding ring material : PTFE
 Gland stud / nut material : n.a.
 Valve serial number : 200001
 Actuator : WM 12DA

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

Description	Tested valve	Scope
Stem Seal Material	O-ring Viton	O-ring Viton
Stem Diameter (OD _{stem})	14mm	7mm up to 28mm
Stem motion	Quarter turn	Quarter turn
Body gaskets	n.a.	n.a.
Pressure Class	PN40	PN40 and below
Endurance Class	CC1	CC1
Temperature Class	tRT (170°C)	5°C to 170°C
Tightness Class	CH	CH
Performance class: ISO FE CH — CC1 — SSA 0 — tRT (170°C) — PN40 — 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 201800200-R002.

<p>Name operator (ITIS)</p> <p><input checked="" type="checkbox"/> TESTED <input type="checkbox"/> REVIEW <input type="checkbox"/> WITNESSED Date/Signature</p> <p><i>P. van Tol</i> P. van Tol 16-12-2019</p> <p>Industrial Testing & Inspection Services </p>	<p>Name Authority (TÜV SÜD)</p> <p></p> <p><i>I. van Remoortere</i> I. van Remoortere 16-12-2019</p>
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