

Type Approval Certificate Extension

This is to certify that Certificate No. 88/00129(E5) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	Somas Instrument AB
PLACE OF PRODUCTION	Box 107 S-66123 Säffle Sweden
DESCRIPTION	High temperature wafer type butterfly valve, metal seated.
TYPE	VSS-A5-AAC-B11 / VSS-A5-AAD-B11 VSSF-A5-AAC-B11 / VSSF-A5-AAD-B11
APPLICATION	Marine, offshore and industrial use subject to the following marine exclusions: Shipside valves; Compressed air or gas systems having a pressure greater than 7 bar; As outlet valves on compressed air receivers; As terminal valves or deep tank outlet valves in flammable fluid systems inside machinery spaces, or other spaces where a source of ignition is present.
SPECIFIED STANDARDS	Lloyd's Register's Rules and Regulations for the Classification of Ships; ANSI B16.104

Certificate No.	88/00129(E6)
Issue Date	10 October 2013
Expiry Date	16 May 2018
Sheet	1 of 2



G. Kenneway
Marine Technology & Engineering Services, London
Lloyd's Register EMEA

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RATINGS	Nominal diameter (mm):	80, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, and 800
	Max-working pressure (bar):	25
	Max-working temperature (°C):	550

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. 88/00129(E6) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 88/00129(E5) to which this extension should be attached.

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Part 1A

Subject: Valves

Product: Butterfly Valves (Part 1A)

Producer/Licence No.		Description of Product				Cert. No.
Type	Details of Approval	Application	Remarks			
<p>Somas Instrument AB, Box 107, S-66123 Saffle, Sweden.</p>	<p>VSS-A5-AAC-B11, VSS-A5-AAD-B11, VSSF-A5-AAC-B11, VSSF-A5-AAD-B11.</p>	<p>High temperature wafer type butterfly valve, metal seated. Rating: Nominal Diameter (mm) Torque (N/m) 80 165 100 165 125 315 150 315 200 315 250 570 300 885 350 1385 400 2550 450 2550 500 4510 600 7160 700 7160 800 10790</p> <p>Maximum working pressure (bar): 25 Maximum working temperature (°C): 550</p>	<p>Marine, offshore and industrial piping systems.</p>	<p>Expires: 16 May 2018 See certificate for details of allowable ship-board system applications.</p>	<p>88/00129(E6)</p>	

