



**EURO CHLOR**  
REPRESENTING THE CHLOR-ALKALI INDUSTRY

**APPROVAL CERTIFICATE**

**97/01**

The Working Group Production, Storage and Transport Safety (GEST) of Euro Chlor, after examination of the documents listed in Appendix 1, has declared that the valves of Shaw, Son & Greenhalgh Limited, Albert Street, Lockwood, Huddersfield HD1 3QG - England

- are in accordance with the specification GEST 89/140, 8<sup>th</sup> edition - April 1997
- and are approved for use with liquid chlorine.

The Approval Certificate is given for the valves manufactured according to PN 40 and ANSI 300 lbs for the following:

Bellows sealed globe valves in accordance with the documents listed in Appendix 1 of which an original is filed by Euro Chlor.

<b>Shaw Reference</b>	<b>Bellows Material</b>	<b>Flange</b>
M 6420	Stainless Steel	CL 300
M 6421	Hastelloy C 276	CL 300
M 6422	+ Hastelloy Stem	CL 300
M 6620	Stainless Steel	PN 40
M 6621	Hastelloy C 276	PN 40
M 6622	+ Hastelloy Stem	PN 40

<b>Sizes</b>	<b>Arrangement and materials on attached drawing N°</b>					
	M 6420 M 6620		M 6421 M 6621		M 6422 M 6622	
1" DN 25	21301		21308		21303	
1 ½" DN 40	21301		21308		21303	
2" DN 50	21301		21308		21303	
3" DN 80	21305		21309		21307	
4" DN 100	21305		21309		21307	
6" DN 150	21305		21309		21307	

Euro Chlor keeps the right to cancel this approval certificate in case of infringement of the prescriptions of the GEST specification 89/140.

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# EURO CHLOR

REPRESENTING THE CHLOR-ALKALI INDUSTRY

## APPROVAL CERTIFICATE

97/02

The Working Group Production, Storage and Transport Safety (GEST) of Euro Chlor, after examination of the documents listed in Appendix 1, has declared that the valves of Shaw, Son & Greenhalgh Limited, Albert Street, Lockwood, Huddersfield HD1 3QG - England.

- are in accordance with the GEST specification 90/150 2<sup>nd</sup> edition - September '92
- and are approved for use with liquid chlorine.

The approval is given for the valves manufactured according to PN 40 and ANSI 300 Ibs for the following:

- Shaw packed gland valves

in accordance with the documents listed in Appendix 1 of which an original is filed by Euro Chlor.

Shaw reference	Drawing N°	Dimensions	Flange	Stem
M 5820	21300	1" 1 ½" 2"	Cl 300	Stainless Steel
	21304	3" 4" 6"	Cl 300	Stainless Steel
M 5822	21302	1" ½" 2"	Cl300	Hastelloy
	21306	3" 4" 6"	Cl300	Hastelloy
M 6020	21300	1" 1 ½" 2"	PN 40	Stainless Steel
	21304	3" 4" 6"	PN 40	Stainless Steel
M 6022	21302	1" 1 ½" 2"	PN 40	Hastelloy
	21306	3" 4" 6"	PN 40	Hastelloy

Euro Chlor keeps the right to cancel this approval certificate in case of infringement of the prescription of the GEST specification indicated above.

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