Marine & Offshore

Certificate number: 04259/H0 BV
File number: ACM 145/1915/001
Product code: 1542I

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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TYPE APPROVAL CERTIFICATE

This certificate is issued to

SOCLA SAS

VIREY LE GRAND - FRANCE

for the type of product

STRAINERS AND FILTERS

Antipollution strainers

Requirements:
- BUREAU VERITAS Rules for the Classification of Steel Ships

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 06 Dec 2026

For Bureau Veritas Marine & Offshore,
At BV LYON, on 06 Dec 2021,
Yann Kremplewicz

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION

Antipollution Strainers type 46, 46G, 46X, 101, 191D, Y222P and Y333P

1.1 - Technical Description depending on type

Type	Size (inch)	Max. Pressure (bar)	Max. Temperature (°C)	End connections
46	2 to 4"	10/16	0/80	Flanged
46G	2 to 16"	10/16	0/100	Flanged
46X	1-1/2 to 42"	10/16	-10/300	Flanged
101	3/8 to 2"	10	-10/60	Threaded
191D	3/8 to 2"	10/16*	-10/60	Threaded
Y222	1/2 to 2	25	-10/110	Threaded
Y333	1-1/2	10	-10/100	Flanged

*To be installed in piping systems PN 10 or PN 16 bar.

1.2 - Material specification

Body	Ductile/cast iron with epoxy coating/ Brass/ Stainless steel/ POM (polyacetal)/ Polyamide (Connection) / PPO (casing)
Closing system	PE/Stainless steel

When other material combinations are used according to manufacturer's instructions, the BV agreement will be obtained.

2. DOCUMENTS AND DRAWINGS

- Technical datasheet dated 24/05/2011 for type 46
- Technical datasheet dated 24/05/2011 for type 46G
- Technical datasheet dated 24/05/2011 for type 46X
- Technical datasheet dated 24/05/2011 for type 101
- Technical datasheet dated 24/05/2011 for type 191D
- Technical datasheet dated 24/05/2011 for type Y222
- Technical datasheet dated 16/10/2012 for type Y333

No departure from the above documents shall be made without the prior consent of the Society. The manufacturer must inform the Society of any modification or changes to these documents and drawings.

3. TEST REPORTS

Not required.

4. APPLICATION / LIMITATION

4.1 - May be used for the following services on board:

- Ballast and bilge, sea water and fresh water, compressed air, domestic and sanitary systems.

4.2 - The filters and strainers belong to Class II and Class III according to the relevant requirements stated in Part C, Chapter 1, Sec 10 of the Bureau Veritas Rules.

4.3 - The material is to be selected according to the nature of the fluid to be conveyed, taking into account the service conditions indicated in the manufacturer's catalogue for each type.

4.4 - The use of ordinary cast iron and stainless steel is restricted as per BUREAU VERITAS rules.

4.5 - The filters and strainers are not to be used where their deterioration, in case of fire, would risk to jeopardize the subdivision integrity or the safety of the ship.

5. PRODUCTION SURVEY REQUIREMENTS

5.1 - The products are to be supplied by **SOCLA SAS** in compliance with the type and the requirements described in this certificate.

5.2 - This type of product is within the category IBV of Bureau Veritas Rule Note NR320.

5.3 - BV product certificate is required.

5.4 - Bureau Veritas Certificates are required for materials of valve housings of Class II (DN≥100). Materials of filters and strainers housings of Class II (DN<100) and for other parts of Class II are to be provided with Work's certificates.

5.5 - Each filters and strainers housing for Class II is to be hydraulically pressure tested to 1.5 times the design pressure.

5.6 - For information, **SOCLA SAS** has declared to Bureau Veritas the following production site:

SOCLA SAS
365 Rue du Lieutenant Putier,
BP 10273 CHALON SUR SAONE CEDEX,
71530 VIREY LE GRAND
FRANCE

6. MARKING OF PRODUCT

The product shall be marked with at least:

- Manufacturer's name or logo
- Type designation and size
- Max. working pressure
- Society's brand as relevant

7. OTHERS

It is **SOCLA SAS**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

This certificate supersedes the Type Approval Certificate N° 04259/G0 BV issued by the Society.

***** END OF CERTIFICATE *****