



CHINA CLASSIFICATION SOCIETY

Plan Approval Comments

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Approval No.:NP17A03449

Attn to : Filtersafe Ltd

Copy to: CCS Athens branch

This is to certify that the drawings and documents submitted by your kind company have been reviewed and are found to comply with the relevant CCS requirements in item No.3. This approval covers only applicable CCS requirements to the products. Please see comments in item No.4 if any.

1. Product particulars:

Product: Automatic Screen Filter (see comments below)

Type: BS025, BS200H, BS1204;

Technical Data: refer to the returned document.

2. Intended for:

Shipyard: Dalian Shipbuilding Industry Co., Ltd.

Hull No.:T308K-1 ,T300K-80.

3. Rules and /or Standard:

3.1 Chapter 6, Part Three of the Society' s “Rules for Classification of Sea-going Steel Ships (2015)” and its 2016&2017 amendments.

4. Comments:

4.1 Only the steel filter pressure vessel body is included in the approval, no other filter elements and auxiliary apparatus are included.

4.2 Pressure test under 1.5 times design pressure for the body should be carried out.

4.3 Pressure relief valves should be installed in the piping system to prevent from over-pressure for this pressure vessel.

5. Remarks:

5.1 The above products drawing is approved only according to general purpose for sea-going ship classed with CCS, they should comply with the specified requirements for special purpose which should be approved by CCS surveyor.

5.2 Screen aperture rating (micron) is not included in this approval, function test shall be carried out after installation of filter internal elements.

6. Attachment:

Return list for drawings/documents of products.

Examined by : Zhao Wei

Approved by: Wan Xiaolei

Issued by: CCS Product Plan Approval Center

Date of issue: Dec 4, 2017

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RETURN LIST FOR DRAWINGS/DOCUMENTS OF PRODUCTS

Product: Automatic Screen Filter

No.	Title	Drawings/ Documents No.	Approved	Noted	Comment
1	Technical specification for BS-025			X	
2	Technical specification for BS-200			X	
3	Technical specification for BS-1204			X	
4	Calculation description BS025-BS400		X		
5	Multi-screen Filter Operation Manual	DOC-00141		X	
6	BS025-BS200 Operation Manual rev 05	DOC00144		X	
7	Approval Notice for Drawings and Documents of Products for BS1204	NP17A01603		X	
8	Approval Notice for Drawings and Documents of Products for BS200,1204	NP14A00818		X	
9	Filter Body BS025V-03 DIN PN16-SR	W-0000942-XX	X		X
10	Bracket for control	W-0000631		X	
11	Bracket for conduit	W-0000271		X	
12	Bracket for nameplt	W-0000280		X	
13	Front Lid 12'' (T= 24)	W-0000128-B-XX	X		
14	Back Lid V 12''	W-0000143-B-XX	X		
15	Base frame V STD(12''/16'')	W-0000280-XX	X		
16	Filter Body BS1204V-20 DIN-Lower Flushing	W-0000688-XX	X		X
17	Led unit	W-0000460	X		
18	Multi filter inside guide ring	W-0000305	X		
19	Outside guide ring	W-0000304	X		
20	Bracket for nameplt	W-0000280		X	
21	Bracket for conduit	W-0000271		X	
22	Control panel bracket	M-0000447		X	

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No.	Title	Drawings/ Documents No.	Approved	Noted	Comment
23	Front conduit bracket	M-0000448	X		
24	Front Lid –Multi (T=30mm)	W-0000221-XX	X		
25	Filter Body BS200-08” DIN PN16	W-0000911-XX	X		X
26	Bracket for conduit	W-0000271		X	
27	Bracket for nameplt	W-0000280		X	
28	Bracket for conduit	W-0000575		X	
29	Front Lid 24” (T= 28)	W-0000132-B-XX	X		
30	Back Lid-H 24” (T.28mm)	W-0000149-B-XX	X		
Remark:Detailed drawings and calculations refer to NP14A00818 for BS200 and NP17A01603 for BS1204.					

Note: Mark of “×” in the column of “Approved” or “Noted” indicates that the drawing or document has been approved or noted by CCS, “Comment” indicates that there is comment on the drawing or document.