



CHINA CLASSIFICATION SOCIETY

Plan Approval Comments

Page: 1 / 5
Approval No.:NP17A01476

Attn to : Filter Safe HK Limited

Copy to: CCS Hong Kong 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: BS603 series;

Technical Data: refer to the returned document.

2. Intended for:

To be used for use on board.

3. Rules and /or Standard:

3.1 Part 3 Chapter 6 of the Society's "Rules for Classification of Sea-going Steel Ships (2015)" and its 2016 amendments.

4. Comments:

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

4.2 Pressure test under 1.5 times design pressure should be carried out. Function test should be performed.

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

4.4 The dimension of parts such as the back cap in drawing No. W-0000567-XX, the shell in drawing No. W-0000765-XX and etc., their thickness should be marked in the drawings to be identical to that in calculation book.

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 therefore.

5.3 Operation manual should be confirmed by CCS surveyor.

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: May 24, 2017

CHINA CLASSIFICATION SOCIETY
Plan Approval Comments

Page: 2 / 5
Approval No.:NP17A01476

RETURN LIST FOR DRAWINGS/DOCUMENTS OF PRODUCTS

Product: Automatic Screen Filter

No.	Title	Drawings/ Documents No.	Approved	Noted	Comment
1	Cover letter			X	
2	List of submitting documents			X	
3	Technical Specific for BS603 series			X	
4	Description chart			X	
5	Calculation description BS603		X		
6	General Assembly	BS603HR-18 DIN EX Rev.A	X		X
7	Filter body BS603-18 DIN(EN)	W-0000567-XX(4 pages)	X		X
8	Flushing neck sleeve	UAW.0N.1090C		X	
9	Multi filter inside guide ring	W-0000305		X	
10	Outside guide ring	W-0000304		X	
11	Bracket for nameplate	M-0000280		X	
12	Bracket for conduit	M-0000271		X	
13	Control panel bracket	M-0000447		X	
14	Saddle bracket	W-0000446		X	
15	General Assembly	BS 603V 16'' DIN Rev.D	X		X
16	Filter body BS603V-16 (Integral legs)	W-0000481-XX(4 pages)	X		X
17	Leg unit 1420	W-0000484		X	
18	Flushing neck sleeve	UAW.0N.1090C		X	
19	Multi filter inside guide ring	W-0000305		X	
20	Outside guide ring	W-0000304		X	
21	Bracket for nameplate	M-0000280		X	
22	Bracket for conduit	M-0000271		X	

CHINA CLASSIFICATION SOCIETY
Plan Approval Comments

Page: 3 / 5
Approval No.:NP17A01476

No.	Title	Drawings/ Documents No.	Approved	Noted	Comment
23	Control panel bracket	M-0000447		X	
24	General Assembly	BS filter 603HR 16'' JIS 10K Bottom flushing Rev	X		X
25	Filter body BS603-16 JIS 10K-HR(Bottom flushing)	W-0000648-XX(4 pages)	X		X
26	Flushing neck sleeve	UAW.0N.1090C		X	
27	Multi filter inside guide ring	W-0000305		X	
28	Outside guide ring	W-0000304		X	
29	Bracket for nameplate	M-0000280		X	
30	Bracket for conduit	M-0000271		X	
31	Control panel bracket	M-0000447		X	
32	Saddle bracket	W-0000446		X	
33	General Assembly	BS filter 603HL 16'' JIS 10K Bottom flushing Rev	X		X
34	Filter body BS603-16 JIS 10K-HL(Bottom flushing)	W-0000649-XX(4 pages)	X		X
35	Flushing neck sleeve	UAW.0N.1090C		X	
36	Multi filter inside guide ring	W-0000305		X	
37	Outside guide ring	W-0000304		X	
38	Bracket for nameplate	M-0000280		X	
39	Bracket for conduit	M-0000271		X	
40	Control panel bracket	M-0000447		X	
41	Saddle bracket	W-0000446		X	
42	General Assembly	BS filter 603HR-14 ASA#150 Bottom flushing Rev.B	X		X
43	Filter body BS603 HR-14 ASA #150(Bottom flushing)	W-0000662-XX(4 pages)	X		X
44	Flushing neck sleeve	UAW.0N.1090C		X	
45	Multi filter inside guide ring	W-0000305		X	

CHINA CLASSIFICATION SOCIETY
Plan Approval Comments

Page: 4 / 5
Approval No.:NP17A01476

No.	Title	Drawings/ Documents No.	Approved	Noted	Comment
46	Outside guide ring	W-0000304		X	
47	Bracket for nameplate	M-0000280		X	
48	Bracket for conduit	M-0000271		X	
49	Control panel bracket	M-0000447		X	
50	Saddle bracket	W-0000446		X	
51	General Assembly	BS filter 603HB-16 DIN EX d Rev.A	X		X
52	Filter body BS603 HB-16 DIN(Bottom flushing)	W-0000765-XX(4 pages)	X		X
53	Flushing neck sleeve	UAW.ON.1090C		X	
54	Multi filter inside guide ring	W-0000305		X	
55	Outside guide ring	W-0000304		X	
56	Bracket for nameplate	M-0000280		X	
57	Bracket for conduit	M-0000271		X	
58	Control panel bracket	M-0000447		X	
59	Saddle bracket	W-0000446		X	
60	General Assembly	BS 603V 16'' JIS 5K -Ex d Rev.A	X		X
61	Filter BS603V 16'' JIS5K	W-0000770-XX(4 pages)	X		X
62	Leg unit 1420	W-00000482		X	
63	Flushing neck sleeve	UAW.ON.1090C		X	
64	Multi filter inside guide ring	W-0000305		X	
65	Outside guide ring	W-0000304		X	
66	Bracket for nameplate	M-0000280		X	
67	Bracket for conduit	M-0000271		X	
68	Control panel bracket	M-0000447		X	

CHINA CLASSIFICATION SOCIETY
Plan Approval Comments

Page: 5 / 5

Approval No.:NP17A01476

No.	Title	Drawings/ Documents No.	Approved	Noted	Comment
69	Front Lid-Multi(T=30mm)	W-0000221-XX		X	
Remark:					

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.