



CHINA CLASSIFICATION SOCIETY

Plan Approval Comments

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Approval No.:NP17A01603

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: BS1204 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 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: Jun 6, 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	Cover letter			X	
2	List of submitting documents			X	
3	Technical Specific for BS1204series			X	
4	Description chart			X	
5	Calculation description BS1204		X		
6	Operation manual		X		
7	Filter body BS1204V-24 DIN	W-0000475-XX(4 pages)	X		X
8	Leg unit 1560	W-0000460		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	Front conduit bracket	M-0000448		X	
15	Filter body BS1204-20 DIN lower flushing	W-0000569-XX(4 pages)	X		X
16	Multi filter inside guide ring	W-0000305		X	
17	Outside guide ring	W-0000304		X	
18	Bracket for nameplate	M-0000280		X	
19	Bracket for conduit	M-0000271		X	
20	Control panel bracket	M-0000447		X	
21	General Assembly(BS1204V-20-DIN Exia+Pneumatic motor low flushing (SR))	BS1204SV-20fssdPN-flu sh-SR	X		X

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No.	Title	Drawings/ Documents No.	Approved	Noted	Comment
22	Filter body BS1204V-24 JIS 10k (integral legs)	W-0000617-XX(4 pages)	X		X
23	Leg unit 1560	W-0000460		X	
24	Multi filter inside guide ring	W-0000305		X	
25	Outside guide ring	W-0000304		X	
26	Bracket for nameplate	M-0000280		X	
27	Bracket for conduit	M-0000271		X	
28	Control panel bracket	M-0000447		X	
29	Front conduit bracket	M-0000448		X	
30	General Assembly(BS1204V-24 JIS 10K)	BS1204SV-24fdji	X		X
31	Filter body BS1204V-24 JIS 10k(left outlet)	W-0000618-XX(4 pages)	X		X
32	Leg unit 1560	W-0000460		X	
33	Multi filter inside guide ring	W-0000305		X	
34	Outside guide ring	W-0000304		X	
35	Bracket for nameplate	M-0000280		X	
36	Bracket for conduit	M-0000271		X	
37	Control panel bracket	M-0000447		X	
38	Front conduit bracket	M-0000448		X	
39	General Assembly(BS1204V-24 JIS 10K left outlet No1)	BS1204SV-24fsjiMIR-O S	X		X
40	Filter body BS1204-22IN-24OUT JIS 10K	W-0000667-XX(4 pages)	X		X
41	Leg unit 1560	W-0000460		X	
42	Multi filter inside guide ring	W-0000305		X	
43	Outside guide ring	W-0000304		X	
44	Bracket for nameplate	M-0000280		X	

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No.	Title	Drawings/ Documents No.	Approved	Noted	Comment
45	Bracket for conduit	M-0000271		X	
46	Saddle bracket	M-0000446		X	
47	Control panel bracket	M-0000447		X	
48	Front conduit bracket	M-0000448		X	
49	General Assembly(BS1204V-24 JIS 10K left outlet No1)	BS1204HR-22-24f-JIS-E XD	X		X
50	Filter body BS1204H-24 DIN-Top outlet Munsell	W-0000673-Mu(4 pages)	X		X
51	Bracket for conduit	M-0000271		X	
52	Bracket for nameplate	M-0000280		X	
53	Outside guide ring	W-0000304		X	
54	Multi filter inside guide ring	W-0000305		X	
55	General Assembly BS1204HU-24-DIN Exia+Pneumatic Motor[SR]	BS1204HR-24fsst-PN-Z0	X		X
56	Filter body BS1204V-20 DIN-lower flushing	W-0000688-XX(4 pages)	X		X
57	Leg unit 1560	W-0000460		X	
58	Multi filter inside guide ring	W-0000305		X	
59	Outside guide ring	W-0000304		X	
60	Bracket for nameplate	M-0000280		X	
61	Bracket for conduit	M-0000271		X	
62	Control panel bracket	M-0000447		X	
63	Front conduit bracket	M-0000448		X	
64	General Assembly BS1204V-20''-DIN Exia+Pneumatic Motor[SR])	BS1204VT-20A-M1-Exi aP SNxxx-SR	X		X
65	Filter body BS1204-24 ASA150# FF-lower flushing-PLR	W-0000712-XX(4 pages)	X		X
66	Multi filter inside guide ring	W-0000305		X	

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No.	Title	Drawings/ Documents No.	Approved	Noted	Comment
67	Outside guide ring	W-0000304		X	
68	Bracket for nameplate	M-0000280		X	
69	Bracket for conduit	M-0000271		X	
70	Saddle bracket	M-0000446		X	
71	Control panel bracket	M-0000447		X	
72	Front conduit bracket	M-0000448		X	
73	General Assembly(BS1204HR-24-ANSI#150 standard ExIa+Pneumatic Motor-Zone 0 Bottom Flushing-ABS[PLR-port filter])	BS1204HR-24C-R1-EiaZ 0 SNxxx-PLR	X		X
74	Filter body BS1204HL-24 ASA150# FF-lower flushing-PLR	W-0000713-XX(4 pages)	X		X
75	Multi filter inside guide ring	W-0000305		X	
76	Outside guide ring	W-0000304		X	
77	Bracket for nameplate	M-0000280		X	
78	Bracket for conduit	M-0000271		X	
79	Saddle bracket	M-0000446		X	
80	Control panel bracket	M-0000447		X	
81	Front conduit bracket	M-0000448		X	
82	General Assembly(BS1204HL-24-ANSI#150 standard ExIa+Pneumatic Motor-Zone 0 Bottom Flushing-ABS[PLR-starboard filter])	BS1204HL-24C-R1-EiaZ 0 SNxxx-PLR	X		X
83	Filter body BS1204HL-24 JIS10K -bottom flushing	W-0000767-XX(4 pages)	X		X
84	Multi filter inside guide ring	W-0000305		X	
85	Outside guide ring	W-0000304		X	
86	Bracket for nameplate	M-0000280		X	
87	Bracket for conduit	M-0000271		X	

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88	Saddle bracket	M-0000446		X	
89	Control panel bracket	M-0000447		X	
90	Front conduit bracket	M-0000448		X	
91	Bracket for nameplate	M-0000280		X	
92	Bracket for conduit	M-0000271		X	
93	Filter body BS1204V-24 JIS10K	W-0000773-XX(4 pages)	X		X
94	Leg unit 1560	W-0000460		X	
95	Multi filter inside guide ring	W-0000305		X	
96	Outside guide ring	W-0000304		X	
97	Bracket for nameplate	M-0000280		X	
98	Bracket for conduit	M-0000271		X	
99	Control panel bracket	M-0000447		X	
100	Front conduit bracket	M-0000448		X	
101	General Assembly 1204VB-24-JIS 10K-Exia+flush Down+pneumatic motor(SR)	BS1204VB-BF-24B-Exia Z1+P-SR	X		X
102	Filter body BS1204VB-24 JIS10K	W-0000774-XX(4 pages)	X		X
103	Leg unit 1560	W-0000460		X	
104	Multi filter inside guide ring	W-0000305		X	
105	Outside guide ring	W-0000304		X	
106	Bracket for nameplate	M-0000280		X	
107	Bracket for conduit	M-0000271		X	
108	Control panel bracket	M-0000447		X	
109	Front conduit bracket	M-0000448		X	
110	Filter body BS1204HU-24 JIS10K-bottom flushing-DN	W-0000822-XX(4 pages)	X		X

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No.	Title	Drawings/ Documents No.	Approved	Noted	Comment
111	Bracket for conduit	M-0000271		X	
112	Bracket for nameplate	M-0000280		X	
113	Outside guide ring	W-0000304		X	
114	Multi filter inside guide ring	W-0000305		X	
115	Saddle bracket	M-0000446		X	
116	Control panel bracket	M-0000447		X	
117	Front conduit bracket	M-0000448		X	
118	General Assembly BS1204Hu 24''-JIS 10K-Exia Elect. Moto Zone 1-DN	BS1204HU-24B-R1-Ex SNxxx-DN	X		X
119	Filter body BS1204HR-24'' DIN	W-0000806-XX(4 pages)	X		X
120	Bracket for conduit	M-0000271		X	
121	Bracket for nameplate	M-0000280		X	
122	Outside guide ring	W-0000304		X	
123	Multi filter inside guide ring	W-0000305		X	
124	Saddle bracket	M-0000446		X	
125	Control panel bracket	M-0000447		X	
126	Front conduit bracket	M-0000448		X	
127	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.