



Marine Design Appraisal Document

Lloyd's Register Group Limited
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Date
16 March 2015

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WORLD VALVE CO., LTD.
MARINE COCKS
MODEL : WVBCFC & WVBCFCS
GENERAL DESIGN APPRAISAL – EXTENSION

Valid until 15 March 2020

1. The documents listed in paragraph 1 of the appendix have been examined for compliance with Part 5, Chapters 12, 13 & 14 of the Rules and Regulations for the Classification of Ships (July 2014) and are assigned an appraisal status as indicated, subject to satisfactory resolution of the following matters:-
 - 1.1. Materials of cocks in Class I & Class II piping systems are to be manufactured and tested in accordance with the requirements of the Rules for Materials. AQS
 - 1.2. Where the maximum conditions are less than shown in Table 12.1.2 of Part 5, Chapter 12, Section 1.6.2 of the Rules, the manufacturer's material test certificates of cocks in Class I & Class II piping systems are acceptable in lieu of LR's materials certificate. AQS
 - 1.3. The cocks in Class I & Class II piping systems are to be tested by hydraulic pressure 1.5 times the design pressure to the attending Surveyor's satisfaction. AQS
 - 1.4. The manufacturer's material test and hydraulic test certificates of the cocks in Class III piping system are acceptable in lieu of LR's test certificates. AQS
2. The following general comment is offered:-
 - 2.1. This General Design Appraisal Document supersedes and cancels previous Document No. YDS/M/I-95049C (Issue No.0) dated 15 March 2010.
 - 2.2. This General Design Appraisal is valid for a period of 5 years from the date of issue. After that time, an application for renewal would be considered.

FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

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Appendix

1. The documents listed below have been dealt with previous Document No. YDS/M/I-95049C (Issue No.0).

Document No.	Rev.	Title	Status	Date
WVBCFC	--	Cast Bronze 2 Way / 3 Way Flanged Cock for Marine Use - 5K (5K-25A to 65A)	AQ	15/03/2010
WVBCFCS	--	Cast Bronze Cock for Marine - 16K (16K-6A to 20A)	AQ	15/03/2010

Appraisal Status Key

- AQ Approved subject to the matters raised that require resolution - and provided the arrangements are to the attending surveyor's satisfaction.
- AQS Details to be submitted by the client to the local surveyor's office responsible for surveying the building and the arrangements verified in accordance with the Rule/Regulations requirements by the attending surveyor.

The date is the date on which the document is stamped

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