



# Design Appraisal Document

**Lloyd's Register Group Limited**  
**Yokohama Technical Support Office**  
**Queen's Tower A, 10th Floor,**  
**2-3-1, Minatomirai, Nishi-ku,**  
**Yokohama, 220-6010 Japan**  
**Tel: +81-(0)45-682-5273, Fax: +81-(0)45-682-5279**

Date  
**16 March 2020**

Please quote the document number on all future communications

**WORLD VALVE CO., LTD.**  
**FUEL OIL TANK SELF-CLOSING DRAIN VALVES**  
**MODEL : WVBCFSD**  
**GENERAL DESIGN APPRAISAL – EXTENSION**

*Valid until 15 March 2025*

1. The document listed in paragraph 1 of the appendix has been examined for compliance with Part 5, Chapters 12, 13 & 14 of the Rules and Regulations for the Classification of Ships (January 2020), Regulation 4 of Chapter II-2 of SOLAS Consolidated Edition 2014, and is assigned an appraisal status as indicated, subject to satisfactory resolution of the following matter:-
  - 1.1. The manufacturer's test certificates for the materials and hydraulic tests of self-closing valves in Class III piping systems 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-154175B (Issue No.0) dated 16 March 2015.
  - 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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Y. Sawada  
Lead Surveyor  
Machinery & Piping Group  
Yokohama Technical Support Office  
Lloyd's Register Group Limited  
Tel: +81-(0)45-682-5273  
Email: [yasushi.sawada@lr.org](mailto:yasushi.sawada@lr.org)

## Appendix

1. The document listed below has been dealt with previous Document No. YDS/M/I-95049B (Issue No.0).

Document No.	Rev.	Title	Status	Date
WVBCFSD	--	Cast Bronze Fuel Oil Tank Self-Closing Drain Valve for Marine Use (5K-25A & 40A, 10K-25A & 40A)	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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