

Type Approval Certificate



This is to certify that the undemoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 60 463 - 09 HH

Company Bloomfoss Pte. Ltd.
39 Kaki Bukit View
Singapore 415968, SINGAPORE

Product Description Valve Remote Control and Tank Gauging System

Type BLOOMFOSS - BVTM 2000

Environmental Category C, EMC1

Technical Data / Range of Application
System application:
- Local and remote operation of valves
- Remote monitoring of tanks
- Ship's draft measuring
Hardware components:
- Main Processing Stations and Remote I/O Modules: SLC 500 Series
(1x CPU for Remote Valve Control and 1x CPU for Tank Gauging)
- Computer with Mariner Kit: model HP DC 7700 SSF with Windows XP OS SP2
- LC Display(s) with mounting kit: HP 17" L1706, HP 19" L1940 / L1940T
- Touch Screen (local control station): Proface AGP3300-T1-D24 (TFT Colour 7.4")

Requirement class 3
Software version (PLC, SCADA, HMI): PES-AS-2007-1436/1437 Rev. A

Test Standard Guidelines for the Performance of Type Approvals, Chapter 2 - Edition 2003

Documents Software Development Documentation
Documentation as per file: 70.70 6046309

Remarks Validity of the following certificates to be observed: 26003-05 HH, 44390-07 HH, 43078-02 HH, 99465-97 HH, 14668-99 HH, 99470-97 HH, 45202-07 HH

Valid until 2019-05-13

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Hamburg, 2014-05-14

Germanischer Lloyd

Type Approval Symbol




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