

Type Approval Certificate



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

Certificate No. **75 159 - 09 HH**

Company **Martek Marine Limited
Manvers
Rotherham, South Yorkshire S63 5AB, UNITED KINGDOM**

Product Description **Gas Sampling System**

Type **MM5001**

Environmental Category **C; EMC2**

Technical Data /
Range of Application **Power Supply: 110 / 230 V AC 50 / 60 Hz @ 5A
Power Consumption: 100 W (alarm condition)
LED indicators
User Interface: 3.8" touchscreen
Relay Outputs: 230 V AC @ 5A for Sensor 1 to 4 gas alarms, Common gas, Flow fail,
Power fail, Cabinet gas, System fault
Internal Power: 24 V DC @ 5A
Audible Alarm: -98dB @ 38 cm
Measurement: Flammable gas 0 – 100% LEL 0 – 100% V/V, Oxygen gas 0-25% VOL
H2S 0-50 ppm, CO plus other gases
Degree of Protection: IP 55**

MED 0700002 dated 03-06-2007

Test Standard **Guidelines for the Performance of Type Approvals Part 2, Edition 2003**

Documents **Test report : TL1215 dated 10-10-2008
Documentation MM5001 dated 20-05-2009; Specifications MM5001/1107/PP/2;
Schematic NW080708J-3 AA0, Relay OP NW080708J-3 AG0 and Power Distribution
NW080708J-3 AE0 dated 10-05-2009**

Remarks **None**

Valid until **2014-06-22**

Page **1 of 1**

File No. **I.A.02**


Hamburg, 2009-06-23

Type Approval Symbol



Germanischer Lloyd


Marco Rinkel


Andrea Grün