



**TYPE APPROVAL CERTIFICATE**  
No. MAC007120CS

**This is to certify** that the product identified below is in compliance with the regulations herewith specified.

<i>Description</i>	<b>Level gauges</b>
<i>Type</i>	<b>SEEMAG</b>
<i>Applicant</i>	<b>SEETRU LIMITED ALBION DOCKSIDE WORKS, HANOVER PLACE BS1 6UT BRISTOL UNITED KINGDOM</b>
<i>Manufacturer</i>	<b>SEETRU LIMITED</b>
<i>Place of manufacture</i>	<b>ALBION DOCKSIDE WORKS, HANOVER PLACE BS1 6UT BRISTOL UNITED KINGDOM</b>
<i>Reference standards</i>	<b>Part C, Chapter 1, Section 10 of RINA Rules</b>

*Issued in* **Genoa** on **April 20, 2020**. *This Certificate is valid until* **April 19, 2025**

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RINA Services S.p.A.  
**Marco Dardano**

This certificate consists of this page and 1 enclosure

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Enclosure - Page 1 of 1

SEEMAG

### **Reference documents**

- G353218 - 1/4, issue 4 "Magnetic Liquid Level Indicator - Marine Version";
- G353218 - 2/4, issue 3 "Magnetic Liquid Level Indicator - Remote Reading";
- G353218 - 3/4, issue 2 "Magnetic Liquid Level Indicator - Trace Heating";
- G353218 - 4/4, issue 2 "Magnetic Liquid Level Indicator - Level Switching".

### **Technical characteristics**

Magnetic liquid level indicator with direct reading.

Maximum working pressure: 18 bar.

Maximum liquid temperature: 180°C.

### **Fields of application**

The above mentioned devices may be used on:

- water tanks;
- fuel oil, pressure lubricating oil and other flammable oil tanks, only if self closing valves are fitted between the gauges and fuel tanks.

The above mentioned devices are not to be used on fuel oil, pressure lubricating oil and other flammable oil tanks of passenger ships, as the device penetrates the tanks themselves below the tank top.

### **Acceptance conditions**

The selection of the devices for the corresponding services and correct installation are also to be in accordance with the Manufacturer's instruction.

The said devices are to be suitably protected against mechanical damage.

The welding details of device connection to tank's wall and relevant testing are to be to the satisfaction of RINA Surveyor.

The installation on board ships has to comply with Regulations II-2/4.2.2.3, II-2/4.2.3 of SOLAS 1974 as amended and with the applicable RINA Rules.

Pressure transmitter, level transducer or other type of sensors, where foreseen, are to be RINA type approved.

The acceptance of the a.m. products on board ships and other units classed with RINA is subject to the satisfactory outcome of testing as per RINA Rules.

### **Remarks**

This Certificate annuls and replaces the previous one N° MAC190114CS issued on 18/08/2014.

**Genoa 20/04/2020**