



# NIPPON KAIJI KYOKAI

## *STATEMENT for Water Monitoring System*

No.: KB20MP0273

Unit manufacturer: **SIGRIST-PHOTOMETER AG**Model: **ScrubberGuard**

**THIS IS TO STATE** that the above product has been found to be in compliance with applicable requirements specified in Chapter 10 of Resolution MEPC.259(68) "2015 Guidelines for exhaust gas cleaning systems" upon reviewing the submitted documents.

### Product descriptions:

The "ScrubberGuard" is a continuous water monitoring system. As a standard configuration the system monitors PAH, turbidity, pH and temperature.

Main component	Manufacturer / Model	Specification
PAH sensor	SIGRIST-PHOTOMETER AG / OilGuard SG, OilGuard SG A	- Measurement range: 0-900 µg/l phenanthrene equivalent - Measurement technology: Fluorescence
Turbidity sensor	SIGRIST-PHOTOMETER AG / AquaScat SG, AquaScat SG A	- Measurement range: 0-1000 FNU - Measurement technology: 90° scattered light
pH/temperature sensor	HAMILTON Bonaduz AG / Polilyte Plus Arc 120	- Measurement range: 0-14 pH units, 0-130°C - Measurement technology: Combination electrode; pH potential measured against reference

### Examined Documents:

- INSTRUCTION MANUAL ScrubberGuard (Doc.No.: 14830E)
- ScrubberGuard Scrubber Wash Water Monitoring System Test Report for Statement MEPC.259(68) Version 3.0 - 2018-08-17 and Appendix

### Remarks:

- In order to completely fulfill the requirements for washwater monitoring, additional equipment (e.g. data recording device, etc.) is to be installed.
- The "ScrubberGuard" should be installed, calibrated and operated in accordance with the manufacturer's instruction.
- In case where the "ScrubberGuard" is fitted to SOx scrubber system installed on ships which are classed or to be classed with the Society, confirmation of compliance with the requirements applied at the time of certification is required in each system. In each project, this statement and declaration of validity of this statement are to be submitted. If any modification is made to the product and the relevant documents, detail of the modification is to be submitted.

Issued at Tokyo on 24 January 2020

T. Shimada

General Manager of Machinery Department  
**NIPPON KAIJI KYOKAI**

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