CERTIFICATE OF CONFORMITY - EC (MODULE G)

Certificate no.:
MEDG00001DX

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

that the On board exhaust gas cleaning systems

with type designation and serial number
100SC1 LT closed loop side inlet scrubber installed onboard INGRID (IMO 1016563) - 2201-01

issued to
Langh Tech Oy Ab
Piikkiö, **Finland**

is, by design assessment and product verification, found to comply with
Regulation **(EU) 2024/1975,**
item No. MED/2.10. Marpol 73/78 as amended, Annex VI Regulation 4 and IMO Res. MEPC.340(77)

USCG Approval No: **N/A**
Further details of the equipment and conditions for certification are given overleaf.

Issued at **Hamburg** on **2025-03-13**

DNV local unit:
AC Europe Environmental Technologies Air

Approval Engineer:
Mirko Schlegelmilch

Notified Body
No.: **0098**

for **DNV SE**

Mydlak-Röder, Christine
Head of Notified Body

0098/yyyy

0098: Notified Body number undertaking quality surveillance
yyyy: The year in which the mark is affixed

The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU. This certificate remains valid unless suspended, withdrawn, recalled or cancelled, provided this equipment is not modified without the acceptance of the notified body named herein.

This certificate authorises the manufacturer to affix the “Mark of Conformity” (wheelmark) to the product described herein.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees (“DNV”) arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

Product description
On board exhaust gas cleaning system used as an alternative compliance method with fuel oil Sulphur limits.

Application/Limitation
According to MEPC.340(77) - Scheme B, compliance with fuel oil sulphur requirements is demonstrated by continuous exhaust gas monitoring. The monitoring system is subject to periodical surveys according to MEPC.340(77).

Technical Documentation
Exhaust Gas Cleaning (EGC) –System SOx Emissions Compliance Plan (SECP)
Closed Loop Exhaust Gas Cleaning (EGC) –System Technical Manual (ETM) Scheme B
Exhaust Gas Cleaning (EGC) –System Onboard Monitoring Manual (OMM) Scheme B
Exhaust Gas Cleaning (EGC) –System SOx Emissions Engine Record Book

Tests carried out
On-board verification of Exhaust Gas Cleaning System
Test report:

- DNV Checklist for verification of Exhaust Gas Cleaning Systems (EGC 631), DNV Id No: 45143, date of issue: 2025-03-20

Marking of product
The product is to be indelibly marked with name and address of manufacturer, type designation, dimensions and date of manufacture. In addition, the manufacturer shall affix the Mark of Conformity followed by the DNV SE Notified Body No. 0098 and the production year (2 or 4 digits).