



Certificate number: 01919/10 BV

File number: ACM 137/0901/001

Product code: 0725I

This certificate is not valid when presented without the full attached schedule composed of 7 sections

www.veristar.com

TYPE APPROVAL CERTIFICATE

This certificate is issued to

LAGERSMIT SEALING SOLUTIONS B.V.

ALBLASSERDAM - NETHERLANDS

for the type of product

STERN TUBE SEALING GLANDS

STERN TUBE & THRUSTER SEALING GLANDS

Requirements:

BUREAU VERITAS Rules for the Classification of Steel Ships.

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 11 Jun 2031

For Bureau Veritas Marine & Offshore,

At BV ROTTERDAM, on 11 Jun 2026,

Jan LEIJTEN

This certificate was created electronically and is valid without signature



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <https://www.veristarm.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=c0w4e3x6bh>

BV Mod. Ad.E 530 June 2017

This certificate consists of 3 page(s)

4. APPLICATION / LIMITATION:

- 4.1 - Stern tube sealing glands for oil or grease lubricated stern tube.
- 4.2 - The seals can be serviced without dismantling the propeller.
- 4.3 - The SUPREME VENTUS & SUPREME ATHMOS sealing systems may be used where the CLEANSHIP or CLEANSHIP SUPER Additional Class Notations applies.
- 4.4 - Due consideration is to be paid to the Manufacturer's recommendations concerning the installation, inspection, operation and maintenance of the seal.
- 4.5 - Where applicable the requirements of BV Rules Part F, Ch 9, Sec 2, § 2.6.4 are to be complied with and in particular the level of the oil tank and all oil filling or topping up operations are to be recorded.
- 4.6 - These sealing glands are suitable with regard to protection of the sterntube against ingress of water, as per BV Rules for the Classification of Steel Ships, Pt A, Ch 2, Sec 2, [5.5].

5. PRODUCTION SURVEY REQUIREMENTS:

- 5.1 - The **SUPREME AFT and FORWARD Stern tube seals and SUPREME VENTUS System and SUPREME ATHMOS System** are to be supplied by **LAGERSMIT SEALING SOLUTIONS B.V.** in compliance with the type and the requirements described in this certificate.
- 5.2 - This type of product is within the category IBV of Bureau Veritas Rule Note NR320.
- 5.3 - BV product certificate is required.
- 5.4 - **LAGERSMIT SEALING SOLUTIONS B.V.** has declared to Bureau Veritas the following production site(s):

LAGERSMIT SEALING SOLUTIONS B.V.
NIEUWLAND PARC 306
2952 AD ALBLASSERDAM
NETHERLANDS

6. MARKING OF PRODUCT:

- Manufacturer's name/type.
- Size.
- Serial number.
- Bureau Veritas' Marks.

7. OTHERS:

- 7.1 - It is **LAGERSMIT SEALING SOLUTIONS B.V.**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.
- 7.2 - This Certificate supersedes the Type Approval Certificate N° 01919/H0 BV issued on 16 Jun 2021 by the Society.

*** END OF CERTIFICATE ***