



NIPPON KAIJI KYOKAI

TYPE APPROVAL CERTIFICATE

Certificate No. TA24103M

This is to certify that the undernoted products have been approved in accordance with the relevant requirements of Chapter 6, Part D of the Society's "Rules for the Survey and Construction of Steel Ships" and Chapter 2, Part 6 of the Society's "Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use".

This certificate is issued to

Manufacturer:	Lagersmit Sealing Solutions B.V.
Product description:	Stern Tube Sealing Device
Type designations:	SUPREME STA, SUPREME STF SUPREME SG, SUPREME TS SUPREME SVA, SUPREME SGV SUPREME LDA, SUPREME LDF SUPREME TSV, SUPREME SAA SUPREME SGA
Approval No.:	14FF001B
Valid until:	10 March 2029
Status:	Renewal (previous certificate No. TA19028M)

The details are described in the attached sheet.

Issued at Tokyo on 11 March 2024.



S. Oishi
General Manager
Machinery Department

Documents

Title	Document No.
SUPREME LDA-AFT SEAL ASSEMBLY	04-30-100
SUPREME LDA Aft seal assembly Type approval	TA-SUP-B30 rev D
SUPREME LDF-FWD SEAL ASSEMBLY	04-35-100
SUPREME LDF Forward seal assembly Type approval	TA-SUP-B31 rev D
Product specification-SUPREME SAA-Aft seal assembly	04-60-100
SUPREME SAA Aft seal assembly Type approval	TA-SUP-X60 rev B
Supreme SG-AFT seal assembly	04-20-100
SUPREME SG Aft seal assembly Type approval	TA-SUP-X10 rev C
Product specification-SUPREME SGA-Aft seal assembly	04-65-100
SUPREME SGA Aft seal assembly Type approval	TA-SUP-X65 rev B
Supreme SGV-AFT seal assembly	04-25-100
SUPREME SGV Aft seal assembly Type approval	TA-SUP-X15 rev C
Supreme STA-AFT seal assembly	04-10-100
SUPREME STA Aft seal assembly Type approval	TA-SUP-X01 rev C
SUPREME STF-FWD SEAL ASSEMBLY	04-15-100
SUPREME STF Forward seal assembly Type approval	TA-SUP-X20 rev C
Supreme SVA-AFT seal assembly	04-12-100
SUPREME SVA Aft seal assembly Type approval	TA-SUP-X05 rev E
SUPREME TS3 Truster seal assembly Type approval	TA-SUP-X40 rev C
SUPREME TS4 Truster seal assembly Type approval	TA-SUP-X41 rev D
SUPREME TSV4 Truster seal assembly Type approval	TA-SUP-X43 rev D
OPTIONAL EXTRAS SUPREME Type approval	TA-SUP-OPT rev C

Notes

1. The Stern Tube Sealing Devices are to be fitted in accordance with the manufacturer's recommendations in compliance with all the applicable Society's Rule.
2. The drawings, as prescribed in 6.1.2 (h), Chapter 6, Part D of the Society's Rule are to be submitted to the Society for each product in case where it will be manufactured for an individual ship.
3. The Stern Tube Sealing Devices are approved with the components described in the above list of documents.

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