Certificate No: LR2560065TA
Issue Date: 23/04/2025
Expiry Date: 22/04/2030

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Tofle Co., Inc.**
Address	886-1, Aza Shiragami, Kawakami, Hagi-shi, Yamaguchi, 758-0141, Japan
Type	Flexible Hoses
Description	PTFE-type flexible hose assemblies
Trade Name	SB series (Fire-resistant type)
Application	Marine use for boiler fuel oil piping systems in ships
Specified Standard	Lloyd's Resister's Rules and Regulations for the Classification of Ships, Part 5, Chapter 12 and Chapter 14, July 2024 Fire resistance test: ISO 15540
Ratings	Nominal size : 3/8" & 1/2" Design pressure : 2.8 MPa Design temperature : 180 °C

Other Conditions

1. The use of flexible hoses should be restricted to short joining length only between various items of machinery and the permanent piping systems where some degree of flexibility is essential.
2. The flexible hoses should be fitted in readily visible positions.
3. The valid report of the audit assessment of the Production Quality Assurance system (PQA) is to be retained for each place of production.

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Yasushi Sawada

Engineering - Machinery - Lead Specialist to
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A member of the Lloyd's Register group

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Type Approval Certificate

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Group Limited of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR2010158TA

The Design Appraisal Document LR2560065TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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