Certificate No: LR2101695TA
Issue Date: 15/12/2020
Expiry Date: 21/07/2025

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	**ScandFlow AB**
Address	Agneshögsgatan 22, Motala, 591 71, Sweden
Place of Production	ScandFlow AB Agneshögsgatan 22, Motala, 591 71, Sweden
Type	Flexible Hoses
Description	Flexible steel hose assemblies with a single external wire braiding with permanent end fittings.
Trade Name	Tubiflex SP.T.9750
Application	Marine, offshore and industrial piping systems, as short joining lengths to accommodate relative movement between items of machinery connected to permanent piping systems.
Specified Standard	Lloyd's Register's Rules and Regulations for the Classification of Ships (Part 5, Chapter 12, Section 7)
Ratings	Material; Hose: 316 stainless steel, Braid: 304 stainless steel & End fittings: 316L stainless steel Hose diameter (mm): 10 to 100 Max. operating pressure (bar): 14 to 75

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Mohamed Mohamed Rila

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A member of the Lloyd's Register group

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See manufacturer's product catalogue and Design Appraisal Document for the detail ratings.

Other Conditions

1. Hoses are to be selected, installed and tested in accordance with the manufacturer's recommendations and Lloyd's Register's Rules and Regulations for the Classification of Ships, Part 5, Chapter 12, Section 7.
2. Materials for hoses and fittings are to be manufactured and tested in accordance with the requirements for Class I piping systems.
3. For use on ships, hose screwed end connectors are limited to sizes up to 2" (DN50).
4. Hoses are not approved for use in piping systems where pressure pulses and/or high levels of vibration are expected to occur in service.
5. The each flexible hose with end fittings is to be provided with the manufacturer's pressure test report and conformity of the production and the following details are to be permanently marked:
• Manufacturer's name or trademark.
• Date of manufacture (month/year).
• Designation type reference.
• Nominal diameter.
• Pressure rating.
• Temperature range.

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 EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR2101695TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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