Certificate No: LR2554266TA
Issue Date: 01/05/2025
Expiry Date: 30/04/2030

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	**Intertraco Italia S.p.A.**
Address	Via E. Amaldi 1/A-B, Suzzara (MN), 46029, Italy
Type	Flexible Hoses
Description	Oil resistant synthetic rubber hoses reinforced with one, two, tensile steel wire braids or four or six high tensile spirals, covered with a synthetic rubber. For details see Manufacturer's data sheets Couplings one piece H, J, K, X and HLZ Couplings Two pieces B+SCX0T, B+SN03T, B+S312T, B+0420, I+S004I, I+S006I & I+S008I, S+S004I, S+S006I
Trade Name	FlexIT 1T, FlexIT 2T, FlexIT SC117, FlexITSK117, FlexIT SC216, FlexITSK216, Flex IT SK244, FlexIT H4, FlexIT SHP, FlexIT 5000, FlexIT 6000, 4ST,4ST+, 6ST, HST, R1K &R2K
Application	Hydraulic Systems (hydraulic oils, both mineral and biological; polyglycol base oils, water/oil emulsions, water.)
Specified Standard	Lloyd's Register Rules and Regulations for Classification of Ships 2024 Lloyd's Register Rules and Regulations for Classification of Offshore Units 2024 Lloyd's Register Rules and Regulations for Classification of Naval Ships 2024

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Gopal Nair

Piping & Pressure System Principal Specialist
to Lloyd's Register North America, Inc.
A member of the Lloyd's Register group

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Ratings	See Appendix
Additional Tests	Fire tests in accordance with ISO 15440-2016 see DAD LR2554266TA for details. Burst tests see DAD LR2554266TA for details of burst tests. Impulse tests see DAD LR2554266TA for details of burst tests.
Other Conditions	1) Hoses are to be completed with factory assembled end fittings or factory supplied end fittings installed in accordance with manufacturer's specifications. 2) Hose assemblies are to be installed only where flexibility is required and are not to be subject to torsional deflection under normal conditions; hose length is to be limited to that required by flexibility only. 3) Not to be installed in machinery spaces where large amount of repeated flexing is expected in combination with pressure pulses, as defined in Part Chapter 12 of Rules and Regulations for Classification of Ships. 4) Flexible connections are to be short. 5) The hoses are not to be installed on drilling blow out control application as per API 16D and choke and kill hoses as per API 16C. 6) Hoses should not be used where heavy vibration is expected.

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 North America, Inc. of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: New

The Design Appraisal Document TSO/24-026383/ PRJ11100468926/001/GN and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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