Certificate No: LR26331214TA
Issue Date: 04/04/2026
Expiry Date: 03/04/2031

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	**Alfa Laval Technologies AB**
Address	Rudebokswägen 1, Lund, 226 55, Sweden
Place of Production	Hörberg Petersson Tronic AB Långgatan 26, Ljungby, 341 32, Sweden
Place of Production	HP Tronic (Suzhou) Co., Ltd Unit 1A Modern Industrial Square, No.333 XingPu Road, SIP, Suzhou, 215126, China
Place of Production	P.C. PROJECT S.R.L Via Bergamo, 83, Merate (LC), 20807, Italy
Type	Control Units
Description	Control System for Separator TYPE -EPC-60, article no. 581043-81, -82, -83, -84, control system without starter -EPC-60, article no. 581042-81, -82, -83, -84, control system with starter -EPC 60 Retrofit, article no. 595448-80 -EPC-70 Flex, control system without starter: Display Size : 5-inch, article no. 9067863-80, Display Size : 7-inch, article no. 9067863-81

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Hrishikesh Rajeev

Electrical & Control Engineer to Lloyd's Register Marine and Offshore India LLP
A member of the Lloyd's Register group

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-EPC-70 Flex, control system with starter
Display Size : 5-inch, article no. 9065492-80, Display Size : 7-inch, article no. 9065492 -81

Trade Name	EPC-60 Control System, EPC-70 Control System
Application	Marine, offshore and industrial application for use in environmental categories ENV1 and ENV2 as defined in Lloyd's Register's Type Approval System, Test Specification No. 1, July 2002.
Specified Standard	IACS E10: 2006 IEC 60533:2015
Additional Tests	IACS requirements E10 (1991/ Rev.10: Aug 2024)
Other Conditions	Type Approval does not eliminate the need (as required by LR Rules) the requirements for further review or for the product to be further inspected and/ or surveyed to be installed in ships classed or intended to be classed with LR If the specified standards are amended during the validity of this certificate, the product is to be reapproved prior to it being supplied to vessels to which the amended standards apply

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 Marine and Offshore India LLP of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR21344049TA-02

The Design Appraisal Document TSO/26-058755-E-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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