Certificate No: LR21170605SP
Issue Date: 23/09/2020
Expiry Date: 22/09/2025

Certificate Of Type Approval

This is to certify that Lloyd's Register did undertake the relevant type approval procedures of the equipment detailed below which was found to be in compliance with the essential Pollution Prevention requirements for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits, etc

Manufacturer	**Alfa Laval Kolding A/S**
Address	Postboks 802, Albuen 31, Kolding, 6000, Denmark
Type	Tank Washing Machines For Crude Oil Washing (Pollution Prevention)
Description	Gunclean Toftejorg i40D Dual Nozzle Tank Cleaning Machine
Trade Name	Gunclean Toftejorg i40D
Specified Standard	MARPOL 73/78 Annex I Regulation 33.2 and IMO Resolution A.446(XI), para 4.2, as amended

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Nouman Siddiqui

Senior Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

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Certificate Of Type Approval

This certificate is not valid for equipment, the design or manufacture of which has been varied or modified 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 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

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