

CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. SSU123322xn

This is to certify that

Hansa Safety Services BV

Puntweg 16a
3208 LD Spijkensisse NETHERLANDS

*Has been approved in compliance with the
RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"
for the supply of the following services to ships and other units classed by RINA:*

- N - Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear**
- Z - Calibration and maintenance of portable gas detection equipment**
- Z - Servicing of immersion suits**
- Z - Servicing of lifejackets**
- D - Inspection and maintenance of fire extinguishing equipment and systems**
- H - Inspection and maintenance of self-contained breathing apparatus**
- Z - Calibration and maintenance of fixed and portable gas detection equipment**

Date of the audit: **20 Sep 2022**

Issued in **ROTTERDAM**

on **27 Mar 2023**

This Certificate is valid from the date of the audit until

19 Sep 2025

This certificate consists of this sheet plus an attachment.



This is an electronically signed document and does not require a handwritten signature.

Danail LUKOV

RINA Services S.p.A.



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ATTACHMENT TO CERTIFICATE NO. SSU123322xn

VALIDITY CONDITIONS

This service supplier is certified according to the 'RINA Rules for the Certification of Service Suppliers' to carry out maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear in accordance with SOLAS Regulation III/20 for the list of makes and models/series of equipment in the attached Annex N.

Note 1: For the purpose of application of IMO Resolution MSC.402(96), including Corr.1, the service supplier is to be authorized by the Flag Administration under which the ship is registered.

For Flag Administrations which have authorized RINA as their Recognized Organization and accept RINA 'Certificate of Approval of Service Supplier' as equivalent to their authorization document to the Service Provider, according to the IMO Resolution MSC.402(96), including Corr.1, this Certificate may be accepted also for statutory purpose, in lieu of the Flag's authorization document to the Service Provider, allowing the firm to provide their services on the makes and models/series of equipment listed in the Annex N to this Certificate.

Note 2: This certificate of approval is also issued on behalf of Italian Administration according to the Italian 'Executive Decree n. 321' dated 21st April 2020 and Circular NDS n. 22/2021.

Therefore, this Service Provider is authorized to provide their services on board ships flying Italian flag for the makes and types of equipment defined according to ISO/PAS 23678, listed in the table of Annex N to this Certificate, without prejudice to the particular requirements in the aforementioned Italian official documents.

General conditions for the approval

- a) *The initial conditions verified by RINA at the time of the approval are to be maintained*
- b) *Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessments*
- c) *RINA personnel are to be allowed to witness during the performance of activities, upon their request*
- d) *The activities are to be carried out in compliance with the RINA Rules and or other applicable rules*
- e) *RINA may revoke the approval at any moment in the case of modifications to requirements or conditions for the approval*



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Danail LUKOV
RINA Services S.p.A.

The Service Supplier is approved by RINA for performing services such as maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear, in accordance with SOLAS Reg. III/20, for the following equipment:

Appendix A

SURVIVAL CRAFT & RESCUE BOATS		Attached to Certificate No.SSU123322xn
MAKE	MODEL/SERIES	
Acebi	TELB, PELB series	
Avon	RB, SR series	
Balden	BD-FF, BD-LB series	
Dafer / Narwhal	SV series	
DSB Deutsche Schlauchboote	IRB series	
DSB Engineering Co., Ltd.	DSBC, DSBF, DSBP, DSBRFA, DSBFC, DSBFF series	
Fassmer	CFL, CL, CL-P, CLR, CLX, DRAGON, GAR, GMR, SEL, PLL, PLT, RR series	
Gepa	G-FFF, G-FK, G-FYK, G-RB series	
Greben	FFL, RB, TEL series	
Harding	MCB series	
Hatecke	GFF, GSL, PEL, RB series	
Hoei Senpaku	HS series	
Hyundai	HD, HDL, HDR, HDFL, HDFN, HLB series	
Jiangsu Jiaoyan (Jiangyin Xinjiang F.R.P. Co., Ltd.)	GJ, GZ, JY-FF, JYQ-F series	
Jiangyin Neptune	NPT-R, NPT-RA, NBT-RB, NPT-RFA series	
Jiangyin Wolong	JYC, JYCA, JYCF, JYP series	
Jiangyin Xinjiang	GJ-450, GJ-6.0.B, JY-FN series	
Jiangyinshi Beihai	JYB-B, JYB-C, JYB-FF, SC-KR series	
Mare Safety	RB series	
Mulder & Ryke	Totally Enclosed Lifeboat / Rescue boat series	
Narwal	SV series	
Ned Deck	NPT series	
Ningbo Asia F.R.P. Boat Manufacturing Co., Ltd.	BJ, YZ, YZC, YZF, YZFF, YZFC series	
Nishi	FF, G, EML, PML series	

Appendix A

Noreq	LBF, LBT, RRB series
Palfinger	CTL, KISS, MPC, NPT, RSQ series
Qingdao Beihai	BH, BH-R, BH-F series
Shigi	FEL, VOX46 series
Survitec	FF, SC series
Survival Systems Int	CA series
Tsuneishi	TL, KL series
Vanguard	VG-C, VG-F, VG-HLB, VG-KR series
Viking / Norsafe	JYN, Maud, Maggie, Maxima, Minima, Miram series
Viking / Norsafe / Narwhal	Midget, FRB series
Waterman	351, 361, 363, 372, 374,377, 378, 382, 391, 393 series
Wuxi Haihong	HH-C, HH-CS, HH-FC, HH-FC, HH-T, HH-TS, GJ series
Zhenjiang Marine	YH-FRA, YH-FRB, YH-DR, YH-QFP, YH-R series

RELEASE GEAR	
MAKE	MODEL/SERIES
Bada Heavy Industries	BHA, BHR series
Balden	BD-LBH, BDHR series
BC	U Hook
Davit International	OLH, RH series
Fassmer	Duplex > 6t, Duplex < 6.6, FFH45 series
Global Davit	HR, HRN series
Greben	NLH series
Hatecke	Duplex > 6t, Duplex <6t, GFF, Simplex 1.1, Simplex 2.0i series
Harding / Palfinger	ARH, FFH, LHR Mk 1, LHR Mk 2, RRH series
Henriksen	HMK, HCH series
Hyundai	Talon Mk1, Talon Mk2 series

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Jiangyin Neptune	PNHKG series
Jiangsu Jiaoyan (Jiangyin Xinjiang F.R.P. Co., Ltd.)	JX-2 series
Jiangyin Wolong	FHK, HK series
Mansei	RH3
Ningbo Asia F.R.P. Boat Manufacturing Co., Ltd. HK	HK series
Nishi	IHM-12 /13 series
Norsafe / Viking	GES, K4, Tor Mk1, Tor Mk2 series
Neddeck / Palfinger	CAR 35 series
Palfinger	CAR 35, FFH, KISS, LHR Mk 1, LHR Mk 2, RRH series
Shigi	SRS, SZK5, SZK30 series
Survitec / RocLock	SafeLaunch series
SSI	SureSafe, Triple 5, Triple 5 LX series
Vanguard	S, C-safe series
Viking / Norsafe	GES, K4, Tor Mk1, Tor Mk2, Nadiro DIB series
William Mills / Harding	Titan series
Wuxi Xingsheng	XS series

WINCH	
MAKE	MODEL/SERIES
Acebi	TBE series
Alexander Welin	AIW series
Bada Heavy Industries	BA, BDF, BLW, BM, BMW, BW, BRW, PWD series
Davit International	01, 02, 03, 04, 06, 07, 12, 40 series
Fassmer	FFWH series
Global davit	01, 02 ,04 ,08,10, 14, 20, 26 W05HC, W08HC, WS series
Gurdesan	GD-FLW, GD-HC-A series

Appendix A

Greben	EW, HW series
Hatecke	FFA series
Harding (Schat Harding)	BE, FME, CW, HD, MW, W series
Hydralift	SP series
Iknow Machinery (TSUJI)	EB series
Jiangyinshi Beihai	DW series
Jiangsu Jiaoyan (Jiangyin Xinjiang F.R.P. Co., Ltd.)	JYWP series
Jiangyin Neptune	DW, DS series
Jiangyin Wolong	JYD series
Mansei	CMW, FW, MW, SW, 06 series
Ned deck	04, HWCT, 15 series
Nor Davit	SP series
Oriental Precision	BWE, SWE series
Palfinger	CW, W series
Qingdao Beihai	BW-LL, BW-HL series
SEC	WL
Sekigahara	SNW, SWE series
Schat Harding	BE series
SSI	W series
Tsuji Heavy Industries	EB, TC series
Verhoef	FL 50 series
Welin Lambie	53, 55, 97, 5619, 9502 series
Wuxi Dongwu	DS/Z, D/Z Series
Wuxi Huahai	HMW series
Zhenjiang Marine	DP series
Zollern	ZR series

Appendix A

DAVITS	
MAKE	MODEL/SERIES
Abas	MDE, KDE series
Acebi	A, AF, GRA, PF, PFR, RRP, SPG, TPC, TPF, TPU series
Acta	DR, HSC, MOB series
Alexander Ryan	AREH, BH series
Arim	AHA, ARPV series
Bada Heavy industries	BDF, BDH, BDR series
Bianchi & Cecchi	PE, PET series
Davit International	D-FH, D-FO, D-NP, D-NPS.SP, D-RT, D-TT.SP, SP series
Denizsan	DSFDD, DSFRB, DSRBD series
Dongnam Marine Crane Co., Ltd.	DHGD, DSAD series
Fassmer	FHD, FPD series
Global Davit	FHS, GLP.FLH, GLP.FP, GLP.FPH, GLP.MP, GLP.RT, GSP, GSP.FLH, GSP.FP, GSP.FPH, GSP.MP, LMS, RHL, RHP, RHP.HC, RHS, RML, LML, RMS, RSP.O series
Gurdesan	GD-FFD, GD-KHK GD-RSS series
Harding	ORD, SPG series
Harding Safety	FF, LA, SA, SPG, SRR, VIP series
Hydralift/ TTS	HL series
Iknow Machinery (TSUJI)	HD series
Jiangsu Jiaoyan	JYF, JYGR, JYHG, JYP, JYR series
Jiangyin Wolong	JY-FH, JYHE, JY-LFR, JYPL, JYSA, JY-LRHE, JY-PLR series
Jiangyinshi Beihai	FA, FRH, LB, LB-H, PD, SA, SAC, SMR series
Macgregor	HMD series
Mansei	ABD, AH, AV, EM, FE, GRA, M, SAR series
Ned Deck Marine	FPG, PFH, PRH, PRHE, SCH, SCM, SCT, SEC series
Ningbo Asia F.R.P. Boat Manufacturing Co., Ltd.	L, YZF, ZFDZ series

Appendix A

NMF	BPK series
Nor Davit	PL, SDP series
Noreq	NPD, NPDS, NRD series
Oriental Precision	FD, FF, RD, SHS, series
Palfinger	FF, FPG, NPD, NPT, PFH, SCM-L, SCH-R, SCM -R, VIP series
Qingdao Beihai	BD, BD - AR, BD – FF series
Redrock	RDA, RDT series
Sekigahara	AT, SF, SFA, SFB, SFP, SHS, SSS, STS series
Sezamor	ZZ-ZL J, ZZ-ZLJ2, ZZ-ZOL, ZZ-ZOT series
Shin Myung	SMRB / LRD series
Tsuji Heavy Industries	H, RP, TC, T83 series
Vanguard	LE, MS, PFH, PL, PR, PRH, SRH, VL, VS series
Verhoef	FL - 50 series
Viking / Norsafe	A, C, D, E, LH, NDA, NRB, SW series
Wuxi Dongwu	Gravity - Luffing Arm (18kN-110Kn), Gravity Rescue Boat / Raft Davit (21kN-35kN), Gravity Rolling Type Davit (25kN-30kN) series
Wuxi Huahai	HMB, HMD, PD series
Zhenjiang Marine	PL series