

CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. SSU036926X1

This is to certify that

ASTRO FIRE & SAFETY PTE LTD

16T ENTERPRISE ROAD
627667 Singapore SINGAPORE

*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**

Date of the audit: **19 May 2026**

Issued in **SINGAPORE**

on **20 May 2026**

This Certificate is valid from the date of the audit until

28 May 2029

This certificate consists of this sheet plus an attachment.



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

Kwok Leung Tommy JEN

RINA Services S.p.A.



RINA Services S.p.A.
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**ATTACHMENT TO
CERTIFICATE NO. SSU036926X1**

VALIDITY CONDITIONS

N - Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear

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 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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Kwok Leung Tommy JEN

RINA Services S.p.A.



Annex N

List of makes and types of equipment

Attached to Certificate No. SSU036926X1

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.

MAKE	TYPE acc. to ISO/PAS 23678	MODEL/SERIES
JIANGSU JIAOYAN	Free fall Lifeboat	JY-FN,JY-FF,JYM-FN,JYM-FF series
	Rescue boat	GJ4,GJ5,GJ6,GJ7,GJ8 series
	Totally Enclosed Lifeboat	JY-QFPN all series
	Hook	JX and JXN series
	Gravity luffing arm type davit	JYL series
	Launching appliance	JYF series
	Platform davit	JYP series
	Single arm davit	JYR,JYRC,JYRH series
	Electric Boat winch	FW45,JYW,JYWP series
QINGDAO BEIHAI	Lifeboat-Total enclosed, Freefall, Rescue boat	BH-5,6,7,8,9,10 series, BH-E series / BH-F series / BH-R series, BH-HR series
	Davit- Gravity Type, Offshore, Single Arm, Freefall launching	BD-PV series, BD-AR series / BD-PL series / BD-SA series, BD-SH series, FA36,RBD966, BDFF series
	Winch	BW-H(L/R) series; L(L/R) series; SC series; YSB/INI/BJM hydraulic winch series
	Release Mechanism- Gravity lifeboat, Freefall lifeboat, Rescue boat	BG-3/3S/3R/3L/7/10; BH-HOOK3/5, FS5/7/10/13 / BG-3F,3.5F,4.5F,4.5FL,5FL,5F,6F / BG-2R,Wuxi XS series, Jimo CS series
CSSC LUZHOU ZHENJIANG MARINE	Gravity Davit	LE series, HE series, HEI series, HI series, RE series, SRH series, GL series, TG series, HT series, LC400, RC60-EB
	Launching Appliance Davit	FH series
	Single arm davit and crane	SAF series, SAFC series, SA series, HDCL series, LA series, SH-21, DH30
	Off-shore davit	PL series,
	Fast rescue boat davit	LFR series, LFRH30, LEFR50, LFRH60, DH30, SAWH series
	Boat winch	DKN series, DPKN series,
	Totally enclosed lifeboat	YHQFP series, YHQFN series, YHBFP series, ZZHG-BF-12.5
	Freefall lifeboat	YHFP series, YHFN series
	Fast rescue boat	YHFRA series, YHFRB series
	Rescue boat	YH4.5R, YH4.5DR, YH7.5
	Hook	HK series, HK25B, HK40C, SH series, handle release hook 15kn, automatic release hook KN series



Annex N

List of makes and types of equipment

ORIENTAL PRECISION & ENGINEERING	Hinged gravity type davit	HGD series, HGK series, SHS series RTD series, DHA series, DMA series
	Hinged gravity type winch	BWE series, SWE series, WL series
	Freefall davit & winch	FD series, WL series
	Rescue boat/ liferaft davit & winch	RD series, RDW series
WUXI XINSHENG GEAR CASE FACTORY	Release hook	15KN(XS15), 21KN(XS21), 23KN(XS23), 25KN(XS25), 35KN(XS35)