



(Rewritten)

**CERTIFICATE OF APPROVAL
FOR FIRMS ENGAGED IN
MAINTENANCE, THOROUGH EXAMINATION,
OPERATIONAL TESTING, OVERHAUL AND REPAIR OF
LIFEBOATS, RESCUE BOATS, FAST RESCUE BOATS,
LAUNCHING APPLIANCES AND RELEASE GEAR**

Certificate No. : 23TZ300

Approval No. : 15LA040

THIS IS TO CERTIFY that

ASTRO FIRE & SAFETY PTE LTD

16T Enterprise Road, Singapore

is approved as a firm engaged in the servicing and maintenance of lifeboats, launching appliances, on-load release gear and automatic release hooks under the Society's Rules for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.

This certificate is valid until **14 May 2025** subject to periodical assessment.

Issued at Tokyo on 19 May 2023.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

(M. Inoue)

General Manager of Survey Department

This certificate was rewritten because the licenses issued by makers have been changed.

This is to certify that the firm has been periodically or occasionally assessed in accordance with the regulations of Chapter 2, Part 1 of the Rules for Approval of Manufacturers and Service Suppliers.

The Periodical Assessment was completed on 12 May 2023.

<i>Periodical Assessment</i>	<i>Date</i>	_____
	<i>Signature</i>	_____ Surveyor to NIPPON KAIJI KYOKAI
<i>Occasional Assessment</i>	<i>Date</i>	_____
	<i>Signature</i>	_____ Surveyor to NIPPON KAIJI KYOKAI

Conditions for Approval:

1. This Certificate is valid subject to validity of certificate for personnel issued for each make and type of the equipment listed in the attachment.
2. This service supplier has been approved to service the equipment listed in the attachment in accordance with MSC. 402(96).
3. The service has been properly conducted and reported in accordance with the requirements of the Rules and the relevant Regulations.
4. Where there is any alteration to the service approved by this certificate, the Firm should notify immediately to the Society.

Attachment to
Certificate Number 23TZ300

Make	Type
Jiangsu Jiaoyan Marine Equipment Co., Ltd. (ex. Jiangyin Xinjiang F.R.P. Co., Ltd.)	<p><u>Free Fall Lifeboat</u> - JY-FN-4.9, JY-FF-4.9, JY-FN-5.8, JY-FF-5.8, JYM-FN-6.65, JYM-FF-6.65, JY-FN-6.8, JY-FF-6.8, JY-FN-7.5, JY-FF-7.5, JY-FN-8.5, JY-FF-8.5, JY-FN, FF-9.5</p> <p><u>Rescue Boat</u> - GJ4.2, GJ4.25, GJ4.5, GJ5.0, GJ5.25, GJ6.0B-1, GJ6.10, GJ7.50, GJ8.0Q-2, GJ8.5Q-2</p> <p><u>Totally Enclosed Lifeboat</u> - JY-QFP/N-5.0, JY-QFP/N-5.25, JY-QFP/N-5.6, JY-QFP/N-6.0A, JY-QFP/N-6.50, JY-QFP/N-7.0, JY-QFP/N-7.5, JY-QFP/N-7.50A, JY-QFP/N-8.00, JY-QFP/N-8.50, JY-QFP/N-8.50X, JY-QFP/N-9.35, JY-QFP/N-10.90A</p> <p><u>Hook</u> - JX and JXN Series</p> <p><u>Gravity Luffing Arm Type Davit</u> - JYL52, JYL55, JYL65, JYL68, JYL85, JYL105, JYL135</p> <p><u>Launching Appliance</u> - JYF55, JYF75, JYF75-A, JYF75-B, JYF90</p> <p><u>Platform Davit</u> - JYP65, JYP85, JYP105, JYP135</p> <p><u>Single Arm Davit</u> - JYR21, JYR21S-A, JYRC21, JYR14, JYRH14, JYRH21, JYR26, JYR30, JYR23</p> <p><u>Electric Boat Winch</u> - FW45, JYW42, JYW50, JYW70, JYW100, JYWP70, JYWP100, JYWP135, JYW35, JYRZ21</p>
Zhejiang Hengxin Ship Equipment Co., Ltd.	<p><u>Lifeboat</u> - BCC, BCF, BCFC, BCFF</p> <p><u>Rescue Boat</u> - GJ, FRH, RH</p> <p><u>Release Mechanism</u> - HK</p> <p><u>Davit</u> - FH, SA, HDC, LFR, LR, HE, PD, SRH, LB, KN</p> <p><u>Winch</u> - DZB, D, DW</p>
Vanguard Pte Ltd	<p><u>Lifeboat & Rescue Boat</u> - VG, VG-FF/FC, KR, DB, DRS, DR4, HLB, HLBLR, FRK, FRW</p> <p><u>Hook (LRRS)</u> - C-SAFE, SPEARHEAD</p>

	<p><u>Davit</u> - LVD, PL, A, PLR, SRH, LR, VAE, VL, VL-G, VS</p> <p><u>Winch</u> - DW/D, DW/S, SLR, DWP, HW, PRH, VW/S, VW/Z</p>
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