



## Lloyd's Register Approved Service Supplier

**Supplier**                      **Astro Fire & Safety Pte Ltd**  
**Address**                        16T Enterprise Road, Enterprise 10, Singapore, 627667, Singapore  
**Contact Details**                Email: astrofire@astrofiresafety.com  
**Contact Number**              Tel: +65 68731011              Fax: +65 68731101

The above company having been assessed hereby receives approval in accordance with the requirements of Lloyd's Register Procedures for Approval of Service Suppliers as Supplier from the address(es) listed above for the provision of

<b>Inspections And Maintenance Of Fire-Extinguishing Equipment And Systems</b>
- Portable Fire Extinguisher - Fixed CO2 System - Fixed Halon System - Fixed Dry Powder System - Fixed Foam System - Fixed Water Mist System
<b>Inspections And Maintenance Of Self-Contained Breathing Apparatus</b>
- Immersion Suits - Inflatable Lifejackets
<b>Maintenance, thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear</b>
This Service Supplier's personnel are certified in accordance with manufacturer's certification programme, for the equipment listed in the Appendix A (LR2363491AS) to this approval.  This Service Supplier has been approved to service the equipment in accordance with IMO Resolution MSC.402(96), as amended.

9 North Buona Vista Drive, #02-01, Metropolis  
Tower 1, 138588, Singapore

---

**Sam Yap**  
Senior Surveyor - Marine to Lloyd's Register  
Singapore Pte Ltd  
A member of the Lloyd's Register group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



## Lloyd's Register Approved Service Supplier

**Maintenance, thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear**

Service engineers are to be provided with a valid Certificate, issued by this Approved Service Supplier, which defines their level of qualification and the scope of the certification (i.e. makes and types of equipment and specifically state which activities (e.g. annual thorough examination and operational tests; 5-year thorough examination, overhaul; overload operational tests; repairs) are covered by the certification). This Certificate should be made available when requested.”

This approval is conditional upon the Supplier maintaining the documented scheme as audited by any member of the Lloyd's Register Group and hereby approved; and notifying Lloyd's Register in writing of any change to that scheme including any change in personnel, equipment or procedures. This certificate is issued to the Supplier and, subject to the Supplier complying with the necessary conditions, is valid to the date referred to above.





## APPENDIX A

Office: **Singapore**

Date: **14 February 2023**

This Certificate is issued to ASTRO FIRE & SAFETY PTE LTD

The service supplier has been approved to service the following equipment in accordance with MSC.402(96).

Certified in accordance with manufacturer's established certification programme:

No.	Maker/Manufacturer	Type/Model/Series
1	Jiangsu Jiaoyan Marine Equipment Co. Ltd.	<p><b>Free Fall Lifeboat:</b> 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-9.5 / JY-FF-9.5</p> <p><b>Rescue Boat:</b> 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><b>Totally Enclosed Lifeboat:</b> 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-7.5A / 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><b>Hook:</b> JX and JXN Series</p> <p><b>Gravity Luffing Arm Type Davit:</b> JYL52 / JYL55 / JYL65 / JYL68 / JYL85 / JYL105 / JYL135</p> <p><b>Launching Appliance:</b> JYF55 / JYF75 / JYF75-A / JYF75-B / JYF90</p> <p><b>Platform Davit:</b> JYP65 / JYP85 / JYP105 / JYP135</p> <p><b>Single Arm Davit:</b> JYR21 / JYR21S-A / JYRC21 / JYR14 / JYRH14 / JYRH21 / JYR26 / JYR30</p> <p><b>Electric Boat Winch:</b> FW45 / JYW42 / JYW50 / JYW70 / JYW100 / JYWP70 / JYWP100 / JYWP135 / JYW35 / JYR221</p>
2	Vanguard Pte Ltd	<p><b>Lifeboat &amp; Rescue Boat:</b> VG / VG-FF/FC / KR / DB / DRS / DR4 / HLB / HLBLR / FRK / FRW</p> <p><b>Hook (LRRS):</b> C-SAFE / SPEARHEAD</p> <p><b>Davit:</b> LVD / PL / A / PLR / SRH / LR / VAE / VL / VL-G / VS</p> <p><b>Winch:</b> DW/D / DW/S / SLR / DWP / HW / PRH / VW/S / VW/Z</p>

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as "Lloyd's Register". Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

3	Zhejiang Hengxin Ship Equipments Co., Ltd.	<b>Lifeboat Series:</b> FBCC, BCF, BCFC, BCFF <b>Rescue Boat Series:</b> GJ, FRH, RH <b>Release Mechanism Series:</b> HK <b>Davit Series:</b> FH, SA, HDC, LFR, LR, HE, PD, SRH, LB, KN <b>Winch Series:</b> DZB, D, DW
---	--	---

\*Note: Please refer to their individual authorised certificate as the type/model/series of equipment may varies.

This Appendix shall be attached to the Service Supplier Approval Certificate LR2363491AS and no signature required as it is issued electronically.

T.S. Yap  
Surveyor to Lloyd's Register Singapore Pte. Ltd.

a member of the Lloyd's Register group.