Certificate No: LR26530270TA
Issue Date: 08/12/2026
Expiry Date: 07/12/2031

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Advantec Manufacturing USA, Inc**
Address	28336 Hunter Creek Rd., Gold Beach, Oregon, 97444, United States
Type	Watertight Doors And Hatches
Description	Aluminium hatches with either aluminium, mild steel or stainless steel rings.
Trade Name	Series 2400
Application	Aluminium hatches for marine applications.
Specified Standard	Lloyd's Register Rules and Regulations for the Classification of Special Service Craft, July 2015; Note: Hatches may be specially considered for use on vessels which utilise aluminium in the construction of their superstructure, and are built in accordance with other Lloyd's Register Rules & Regulations, on a case by case basis.
Ratings	Round, Oval, Square & Rectangular Aluminium Hatches Sealing Methods: Compression , Knife edge Dimensions, maximum watertight test pressure and maximum weathertight design pressure as indicated in Table 1, Appendix of the design appraisal

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Jayakrishnan Harikumar
Mumbai SST - Specialist to Lloyd's Register Marine and Offshore India LLP
A member of the Lloyd's Register group

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document MTES/HULL/19508277 Issue number 3 dated 26th July 2023.

Other Conditions

This Type Approval is restricted to hull structural aspects only.

Refer to the appraisal comments in LR design appraisal document no MTES/HULL/19508277 Issue number 3 dated 26th July 2023.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

This TA certification is an extension of certification LR23366654TA. All other details remain as the previous Certificate No. LR23366654TA to which this extension should be attached.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Marine and Offshore India LLP 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.

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