Certificate No.: 2210211033151247

TÜRK LOYDU

TYPE APPROVAL CERTIFICATE

This is to certify that the

C-CLASS SANITARY UNIT

Manufacturer	:ENSAR GEMİ VE YAN SANAYİ LTD.ŞTİ.
Address	:İstasyon Mah. Hatboyu Cad. No:55 Tuzla-istanbul-TÜRKİYE
Product Type	:ENSAR WET UNIT
Reference Rule	:TL Rules, Part A, Chapter 2, Material , 01.01.2021 TL Rules, Part B, Chapter 5, Electric, 01.01.2021 TL Rules, Part A, Chapter 1, Hull, 01.01.2022
Place and Date	:İSTANBUL / 2 7.10.2022

This certificate supersedes 2209281658301247 numbered and 05.10.2022 date certificate.

Subject to the conditions referred to in the following pages, this certificate is valid until 07.06.2027.

Emrah SÖĞÜTÇÜ

New Building Division Manager

128582

This certificate is subject to terms and conditions described below:

- Any significant change in design or construction may render this Certificate invalid. Type Approval Certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. This certificate is not valid for products without marking above mentioned. The manufacturer should notify TÜRK LOYDU of any modifications or changes to equipment in order to obtain valid certificate. This certificate shows that tested specimens as representative of the product complies of the TÜRK LOYDU rules, and revelant international instruments that apply to it.

Application / Limitation (Approval Conditions) : -

Performed Tests: Following tests were carried out with satisfactory results.
Test carried out according to TUrk Loydu rules and International Convention for the Safety of Life at Sea, 1974 including amendments.

Test reports is follows,
Non-combustible ,material: Mineral wool ' Rockwool Marine Firebatts 130' Sea Rox SL 640 (Nominal density 130 Kg/m) manufactured by Rockwool A/S, Denmark.Type approval certificate no:42899/ AOBV.

Adhesive : SikaForce 7110 L25 (Aplication rate 150g/m2) manufactured by Sika Denmark
A/S, Denmark. Certificate no: MEDB00002GT dated 27.03.2017 as per IMO FTPC Part 5 from DBI, Denmark.

Product	: C-CLASS SANITARY UNIT
Type of Product	: ENSAR WET UNIT
Product Description	: C-Class sanitary unit, Bulkheads : Composed of 25 mm of mineral wool Rockwool Marine Fire balls 130 Sea Rox SL 640, density 130 kg/m3, covered on both sides with galvanized steel thick 0.6mm. Bottom (Floor): Composed of steel or stainless steel material. Ceiling : Composed of25 mm of mineral wool Rockwool Marine Fireballs 130 Sea Rox SL 640, density 130 kg/m3, covered on both sides with galvanized steel thick 0.6 mm. Door : Single door leaf composed of 30 mm of mineral wool Rockwool Marine Firebatts 130 Sea Rox SL 640, density 130 kg/m3 covered on both sides with galvanized steel thick 0.6 mm. (C Class door-EK/C)
Approval No / Date	: PAE-EPAS/013057/22-0714/HM on dated 28.06.2022
Serial Number	: -
Functional Description	: C Class sanitary unit may be used ships and marine industry according to Turk Loy du rules.
Performed Tests	: Test carried out according to Turk Loydu rules and International Convention for the Safety of Life at Sea, 1974 including amendments.

Surveyor Name: Sezer Mahir TUĞCU

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A/S, Denmark. Certificate no: MEDB00002GT dated 27.03.2017 as per IMO FTPC Part 5 from DBI, Denmark.

Last Inspection Date : 03.08.2022

Surveyor Remarks : The Manufacturer's instruction manual should be kept on board.

Surveyor Name: Sezer Mahir TUĞCU

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