



TÜRK LOYDU

TYPE APPROVAL CERTIFICATE

This is to certify that the
Opening Side Scuttle with Deadlight

Manufacturer	HÜSNA YAPI ve GEMİ MALZEMELERİ SAN. ve TİC. LTD. ŞTİ.
Address	Fatih Bulvarı No:592 Sultanbeyli - İSTANBUL / TURKEY
Product Type	Open side scuttle
Particulars / Designation	ILW (Opening side scuttle with deadlight weld on type) ILB (Opening side scuttle with deadlight bolt on type)
Application	It may be used for ships and marine industry according to ISO-1751 (TYPE B-C) and Türk Loydu Rules
Reference Rule	Türk Loydu Rules, Hull Part A Chapter 1- July 2021 Türk Loydu Rules, Naval Ship Technology Hull Structures and Ship Equipment Part E Chapter 102- January 2016
Place and Date	İSTANBUL / 10.03.2022

Subject to the conditions referred to in the following pages, this certificate is valid until 02.08.2026

This certificate consists of 2 pages.


Emrah SÖĞÜTÇÜ
New Building Division Manager



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 relevant international instruments that apply to it.

Product Details

-Material used to be referred to the approved drawing dated 03.09.2021

-Sizes:

NOMINAL SIZE			GLASS THICKNESS (mm)	MIN. NO OF FASTENERS	
d1(mm)	d2(mm)	d3(mm)		GLASS HOLDER	DEADLIGHT
200	256	266	8	2	2
250	306	316	8	3	2
300	356	366	10	3	2
350	406	416	12	3	3
400	456	466	12	3	3
450	506	516	15	4	3
500	556	566	19	4	3

Application / Limitation (Approval Conditions):

Glass pane is built up reinforced, polished and tempered glass (Glass thickness is changeable between 8 mm and 19 mm.) Side scuttle of all series, types, models and nominal sizes shall be manufactured according to the requirements (Dimension, materials etc.) given in ISO 1751 (TYPE B-C), ISO 614 International Standards and Türk Loydu Rules.

Documentation

The design and construction drawings (OPENING SIDE SCUTTLE WITH DEADLIGHT) approved by Türk Loydu

Ref No: PAE-EPAS/010275/21-1411/SA dated 03.09.2021.

Following tests were carried out with satisfactory results.

- Watertightness test
- Mechanical strength test (Glass pane and Material)
- Visual and dimension inspection.
- Break test (for glass pane)

The main frame shall be marked with the letter for the type.

- Further marking indications are optional
(Nominal size, Material class Manufacturer's name, Number of international standard)
- Glass pane shall be marked in accordance with International Standard



S. Mahir TUĞCU
Surveyor

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