



TYPE APPROVAL CERTIFICATE

Certificate No:
TAS00001AD
Revision No:
3

This is to certify:

That the Lifting Gear

with type designation(s)
4 and 8 persons Transfer Basket

Issued to
Safe Transfer A/S
Esbjerg, Denmark

is found to comply with
DNV standard DNV-ST-0378 – Offshore and platform lifting appliances
EN 14502-1 Cranes – Equipment for the lifting of persons – Part 1: Suspended Baskets

Application :

Offshore personnel transfer basket.

Issued at **Høvik** on **2023-06-28**

for **DNV**

This Certificate is valid until **2028-06-27**.

DNV local unit: **Esbjerg**

Approval Engineer: **Lap Van Duong**

Per Esvall
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Product description

Version I: 8 persons Transfer Basket

Rated capacity / SWL:	1000 kg
Self-weight:	530 kg
Total weight:	1530 kg
Test load (2 x SWL):	2000 kg
Design temperature:	-50 ° C
Minimum shackle pin diameter:	25 mm
Dimensions:	
Length	ø2600 mm
Width	ø2600 mm
Height	3350 mm

Version II: 4 persons Transfer Basket

Rated capacity / SWL:	500 kg
Self-weight:	465 kg
Total weight:	965 kg
Test load (2 x SWL):	1000 kg
Design temperature:	-50 ° C
Minimum shackle pin diameter:	25 mm
Dimensions:	
Length	ø2600 mm
Width	ø2600 mm
Height	3232 mm

Version III: 4 persons sit down Transfer Basket

Rated capacity / SWL:	560 kg
Self-weight:	670 kg
Total weight:	1230 kg
Test load (2 x SWL):	1120 kg
Design temperature:	-50 ° C
Minimum shackle pin diameter:	25 mm
Dimensions:	
Length	ø2600 mm
Width	ø2600 mm
Height	3350 mm

Application/Limitation

1. Pad eye pin diameter to be within 6% of shackle pin diameter.
2. The floor must be slip resistant and with drainage
3. All welding is to be performed by approved welders and according to approved procedures.
4. Non-destructive testing NDT:

All welds:	100% visual
Pad eye attachment welds:	100% LPI
All primary structural welds:	20% LPI
5. Materials (AISI 316L in primary structure only) are to document the following:

Yield strength	= 195 N/mm ²
Tensile strength	= 480 N/mm ²
6. The unit is to be load tested prior to be taken into use, in accordance with DNV-ST-0378 Table 14-2.
7. Material as stated in the drawings is to be delivered with certificates 3.1 (ref. ISO 10474).
8. The basket must be delivered with instruction manual in accordance with EN-14502-1 Chapter 7.
9. Lifting slings are not a part of the certification

Type Approval documentation

The following documentation was stamped 2014-11-28 and given the status as shown:

Drawing No.	Revision	Title
Version I		
11031.02.3390.01	05	Personnel Transfer Basket 8 Persons Arrangement Drawing
11031.02.3390.02	08	Personnel Transfer Basket 8 Persons Workshop Drawing
SE1035	08/11/2017	Strength Analysis
Version II		
11031.01.3390.01	06	Personnel Transfer Basket 4 Persons Arrangement Drawing
11031.01.3390.02	10	Personnel Transfer Basket 4 Persons Workshop Drawing
SE1035	08/11/2017	Strength Analysis
Version III		
11031.03.3390.01	03	Personnel Transfer Basket 4 Persons Sit Down Arrangement Drawing
11031.03.3390.02	07	Personnel Transfer Basket 4 Persons Sit Down Workshop Drawing
SE1035	08/11/2017	Strength Analysis

Tests carried out

Prototype tests are carried out according to the table below:

Version	Max. Load applied in the test	Test date	Document reference	Witnessed by
Version I	3690	2018-05-11	DNVGL report A0476737 S.N. 4/8-020617-03-033	DNVGL Gdansk CMC
		2018-06-01	DNVGL report no. 201802069 S.N. 4/8-131216-03-032	DNVGL Esbjerg
Version II	1930	2015-05-08	DNVGL report A0476737 S.N. 020617-03-255	DNVGL Gdansk CMC
Version III	3690	2018-06-01	DNVGL report no. 201802069 S.N. 4/8-131216-03-032	DNVGL Esbjerg
		2017-04-10	DNVGL report A0379970 S.N. 4/8-131216-03-032	DNVGL Gdansk CMC

Marking of product

Marking of each product is to be in accordance with DNV-ST-0378 Secion 14.5 and EN14502-1 Chapter 8.

The units are to be clearly marked to indicate that the units are designed for personnel transfer.

Periodical assessment

For retention of the Type Approval, a DNV surveyor shall perform periodical assessment after two years (+/- 90 days) and after 3.5 years (+/- 90 days) to verify that the conditions for the approval are complied with. Reference is made to DNV-CP-0338.