

TYPE APPROVAL CERTIFICATE

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 GL standard DNVGL-ST-0378 – Standard for offshore and platform lifting appliances
EN 14502-1 Cranes – Equipment for the lifting of persons – Part 1: Suspended Baskets

Application :

Offshore personnel transfer basket.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Issued at **Høvik** on **2018-07-05**

This Certificate is valid until **2023-07-04**.

DNV GL local station: **Esbjerg**

for **DNV GL**

Approval Engineer: **Xiao Long Eric Song**

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Aldo Matteucci
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.



Product description

Version I: 8 persons Transfer Basket

Rating /SWL (max):	1530 kg
Payload (max):	1000 kg
Tare (max):	530 kg
Test load:	3690 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

Rating /SWL (max):	965 kg
Payload (max):	500 kg
Tare (max):	465 kg
Test load:	1930 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

Rating /SWL (max):	1230 kg
Payload (max):	500 kg
Tare (max):	730 kg
Test load:	3690 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/mm²
 - Tensile strength = 480 N/mm²
6. The unit is to be load tested prior to be taken into use, in accordance to DNVGL-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 to EN-14502-1 Chapter 7.
9. Lifting slings are not a part of the certification.

Job Id: **262.1-018111-2**
Certificate No: **TAS00001AD**

Type Approval documentation

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 DNVGL-ST-0378, May 2016 Sec. 14.5 and EN14502-1 – 2010 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 GL 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 DNVGL-CP-0338.

END OF CERTIFICATE