Certificate no.:
TAS00004JB

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Lifting Gear

with type designation(s)
BOULDER TRANSFER 4000 (BT 4000)

issued to
SHM Shipcare Private Limited
Mumbai, Maharashtra, **India**

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 **2025-07-29**
This Certificate is valid until **2030-07-28**.
DNV local unit: **India CMC MES**

for **DNV**

Approval Engineer: **Lap Van Duong**

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 USD 300 000.

Product description

Transfer basket for 4 persons:
Rated capacity/SWL: 560 kg
Weight of basket: 400 kg
Gross weight: 960 kg
Test load (2 x SWL): 1120 kg
Minimum design temperature: -30 °C

Application/Limitation

1. Materials as stated in the drawings are to be delivered with certificate 3.1.
2. All welding is to be performed by approved welder and according to approved procedure.
3. The manufacturer is required to have a DNV surveyor to witness all important production and tests as required.
4. Non-destructive testing is to be in according with DNV-ST-0378 Sec. 3 Table 3-7.
5. The unit is to be load tested in accordance with DNV-ST-0378 Table 14-2.
6. All loose gears such as master link, eye bolt, shackles, slings, wire rope etc. are not scope of this type approval and to be delivered with relevant certificate documenting SWL and a safe factor of at least 10 x (weight of basket + rated capacity).

Type Approval documentation

Tests carried out

Prototype test is carried on 06.06.2025 witnessed by DNV surveyor.

Marking of product

Marking of each product is to be in accordance with DNV-ST-0378 Sec. 14.5 and EN 14502-1 Ch. 8
The unit is to be clearly marked to indicate that the unit is 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.

Manufactured by:

SHM PRODUCTS PVT. LTD
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Thane, Ghodbunder road Vasai West
Palghar 401202 India