Certificate no.:
TAS0000530

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Portable Offshore Units

with type designation(s)
Drill Cutting Tank Frame

issued to
Nordic Steel AS
Bryne, **Norway**

is found to comply with
DNV standard DNV-ST-E273 – 2.7-3 Portable offshore units, April 2016 (Amended May 2022)

Application:

DNV 2.7-3 Type A R00
For onshore, inshore and onboard handling only. Lifting between vessels offshore not allowed.
Only certified lifting equipment shall be used.

Max. gross mass (kg)	**30 000**
Max. payload (kg)	**23 000**
Max. sling leg angle	**30°**

Issued at **Høvik** on **2025-11-26**

This Certificate is valid until **2029-06-28**.

for **DNV**

DNV local unit: **Bergen & Stavanger - Cranes & Lifting Operations**

Approval Engineer: **Steinar Hernes**

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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.

Holder of Certificate

Nordic Steel AS, Langmyra 6, 4344 Bryne, Norway

Manufactured by:

Manufacturer	DNV local station
Nordic Steel AS Langmyra 6, 4344 Bryne, Norway	DNV Bergen & Stavanger - Cranes & Lifting Operations

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Responsibility

The Holder of the Certificate takes responsibility that both design and production are in compliance with the Rules, Standards and/or Regulations listed on page 1 of this Type Approval Certificate.

Product description

POU TYPE / CLASS	:	DNV 2.7-3 Type A R00 (For onshore, inshore & onboard handling only)
TARE WEIGHT	:	7000 kg
POU external dimensions (LxWxH)	:	6058 x 2438 x 3071 [mm]

Application/Limitation

This Type Approval certificate is not valid for designs, components, equipment, systems or products which are subject to classification by DNV.

Maximum Gross Weigth (MGW)	:	30 000 kg
Max Hs during offshore lift	:	0.0 m (Not for offshore lifting)
Min. temperature	:	-20 ˚C
Sling angle with vertical	:	30 ˚
Shackles (WLL)	:	13.5 mT ($Ø_{PIN}$ = 38 mm)

Lifting of these units shall be carried out as planned operations. Specific lifting procedures shall be available. The procedure shall include all relevant information required to ensure safe handling of the unit. Reference to the procedures (doc.no. NS125602-Lifting, Rev. A) shall be clearly stated on the information plate.

DNV surveyor to witness important production and test events and issue Form no. MOP 201 “Certificate for Portable Offshore Unit” for each unit.

Production strength tests to be carried out according to DNV-ST-E273 and after agreement with the DNV Surveyor.

Type Approval documentation

Tests carried out

Prototype testing according to DNV-ST-E273, May 2022
. All-point lifting of Drill Cutting Tank Frame acc. to 5.2.3, total load (table 5-2): 43 600 kg

Marking of product

Each unit to be marked with:

- Safety marking according to DNV-ST-E273, May 2022, sec. 6 including
  - Operational Class Identification
  - “OPERATIONAL RESTRICTIONS”
- Data plates according to DNV-ST-E273, May 2022, sec. 6
- Reference to operational procedure/drawing shall be clearly stated on information plate
- The general DNV hard stamp “NV” to be hard stamped on frame
- Manufacturer’s Serial Number to be welded on frame
- DNV emblem for Portable Offshore Units

Periodical assessment

In order to maintain the validity of the type approval certificate, periodical assessments shall be carried out according to DNV-SE-0284 at 2 and 3,5 year intervals. Periodical assessments will, when possible, be harmonised with other surveys and audits carried out.

This certificate is only valid if required periodical assessments are carried out with satisfactory results. To check the validity of this certificate, please look it up in https://approvalfinder.dnv.com

END OF CERTIFICATE