CURRICULUM VITAE

Max van den Broek

Technical Superintendent · Field Engineer

Available for projects via True North Offshore B.V.
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TRUE NORTH OFFSHORE

PROFILE

Hands-on offshore engineer (BEng) with 12 years in heavy lift and offshore wind. My strength is turning engineering into safe work on the yard and on deck: seafastening and grillage fabrication, vessel mobilizations, hot work and offshore support. I have worked for Van Oord, Seaway7, Heerema and CAPE Holland, on vessels such as Aeolus, Boreas, Seajacks Scylla, Thialf and Saipem 7000. I am also comfortable as client representative, keeping contractors, crew and the client aligned.

KEY SKILLS

- Vessel mobilizations and de-mobilizations
- Seafastening, grillages and mission equipment
- Client representative offshore
- Structural design and calculations
- Fabrication supervision at the yard
- Planning and supervising hot work on vessels
- Commissioning and load testing
- 2D/3D CAD and barge surveys

FREELANCE EXPERIENCE

2026

Project Engineer

Offshore removal project · Dutch North Sea

Survey of a barge (lightship weight, 3D scans, preparation of a pressure test) and concepts to make it submersible. Supervised a vessel mobilization and supported the offshore preparation phases.

2022 – 2025

Technical Superintendent · Van Oord

Seafastening, grillages and mobilizations for offshore wind installation vessels

HKN, Saint-Brieuc and Wilhelmshaven (Seajacks Scylla) and Sofia (Aeolus): support on design and tender, supervision of fabrication and mobilization. Nordseecluster (Boreas): seafastening and grillages for the new vessel, plus hot work carried over from the newbuild in China. Hollandse Kust West (Boreas): yard preparation and welding scopes on mission equipment.

2019 – 2022

Field Engineer / Client Representative · Seaway7

Offshore wind foundation installation

Triton Knoll (UK North Sea, DEME Innovation): client representative. Formosa 2 (Taiwan, Seaway Yudin): field engineer, offshore engineering support and supervision of welding and steel fabrication. Seagreen (Scottish North Sea, Saipem 7000): client representative.

EMPLOYMENT

2018 – 2019

Commissioning Engineer · CAPE Holland

Planned and prepared offshore piling operations. Commissioned and load tested vibro hammer spreads at the yard in Beilen, and commissioned, tested and operated vibro hammers offshore.

2016 – 2018

Field Engineer · Heerema Fleet

Planned and supervised project hot work on DCV Aegir and SSCV Thialf. Designed and calculated vessel structures and kept the documentation up to date. Repair and maintenance scopes on Thialf.

2014 – 2016

(Junior) Engineer · Heerema Marine Contractors

Design of offshore and vessel structures, calculations and report checking. Offshore trips on DCV Balder for crane repair and maintenance.

2013 – 2014

Design Engineer · SMST

2D/3D design and calculations for offshore knuckle boom cranes, and fabrication supervision on site.

EDUCATION

Bachelor of Engineering
Hanzehogeschool Groningen, 2013

CERTIFICATES

Offshore medical, valid until 06/2028

LANGUAGES

Dutch (native) · English (fluent)

SOFTWARE

Mathcad, 2D/3D CAD, MS Office