CURRICULUM VITAE

Ronald van den Akker

Project Engineer · structural background

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

PROFILE

Project engineer with a strong structural background and 15 years in offshore heavy lift. I combine planning, procedures and document control with hands-on design of grillages, seafastening, spreader bars and work platforms. I know the office side and the deck side: I have worked at the yard, on board during execution, and as client representative and marine warranty surveyor.

KEY SKILLS

- Project planning and resource planning
- Managing engineering subcontractors
- Grillage, seafastening and lifting tools
- Yard and offshore support
- Procedures, Basis of Design and MDR
- Structural design and calculations (WSD)
- Review of third-party calculations
- Client representative and MWS

FREELANCE EXPERIENCE

2026 – now
Project Engineer
Offshore removal project · Dutch North Sea
Project engineering in a small team: planning, procedures, Basis of Design and the Master Document Register. I manage the structural engineering subcontractors and review their work.

2024 – 2025
Specialist Engineer · Heerema Marine Contractors
Structures A · Libyan coast
Design of a large work platform on top of the jacket, with 8 hinged outrigger frames. Each frame holds a 135 m long, 500 t pile in place during drilling.

2022 – 2023
Specialist Engineer · Heerema Marine Contractors
N05-A (One-Dyas) · Dutch North Sea
Responsible for the complete structural scope of the project, coordinating the in-house designs of several (junior) engineers.

2022 – 2023
Specialist Engineer · Heerema Marine Contractors
Jerun · Sarawak, Malaysia
Grillage and seafastening designs for the piles, jacket and topside. On board the Aegir during execution.

2021 – 2022
Specialist Engineer · Heerema Marine Contractors
Marjan · Arabian Gulf, Saudi Arabia
Design of 50 m long modular spreader bars with a capacity of almost 10,000 t, plus two skid frames to shorten them offshore on SSCV Sleipnir.

FREELANCE EXPERIENCE (CONTINUED)

2021

Marine Warranty Surveyor / Client Representative · Con4Mare

Dolwin Alpha cable repair · Seafox 2 rig move · German North Sea

MWS for the cable restoration of Dolwin Alpha on board the CLV Isaac Newton. Client representative and MWS for TenneT during the rig move of the Seafox 2 between Helwin Alpha and Dolwin Gamma.

2020 – 2021

Field Engineer · Seaway7

Formosa 2 offshore wind farm · Taiwan

Field engineer on board HLV Seaway Yudin during the installation of pin piles for the jackets.

EMPLOYMENT

2018 – 2020

Project Manager · CAPE Holland

Responsible for most offshore projects: contracts, engineering, purchasing, work preparation, transport and operations. Projects for Jumbo (Sergipe, Brazil), SBM Offshore (Limetree, St. Croix), Saipem (CA-KU-1, Mexico, Saipem 7000) and Sapura (Hokchi, Mexico).

2017 – 2018

Project Engineer · Van Heck

Project manager for a large temporary pump installation for BASF in Antwerp. Solved cooling and vibration problems on the new HK800 pump before a hard deadline.

2013 – 2017

Structural Engineer · Heerema Marine Contractors

Dolwin Gamma: all structural aspects, grillage and seafastening concepts, offshore manuals, liaison engineer, 5 weeks offshore on Hermod. Solan, Hejre and Ayatsil B: grillage and seafastening design and yard support in Scotland and Mexico. Innovation study on quieter hydraulic hammers.

2011 – 2013

Design / Structural Engineer · SMST

Design of the manipulators in the workstation of Heerema's pipelay vessel Aegir, from basic design to shop drawings. Concept design of a sheerleg crane for Van Oord's Aeolus.

EDUCATION

MSc Mechanical Engineering
University of Twente, 2011

BSc Mechanical Engineering
University of Twente, 2008 · minor Civil Engineering

CERTIFICATES & SOFTWARE

Offshore
BOSIET + HUET

Software
Mathcad, AutoCAD, Inventor, SolidWorks, Ansys, MS Office

LANGUAGES

Dutch (native) · English (fluent) · German (basic)