

Name Preben Haarde
Date of birth 13.06.1985
Nationality Norwegian
Language Norwegian (native), English (fluent)
Profession Mechatronics Engineer
Position Electrical Design Engineer

EXPERIENCE SUMMARY

Mechatronics Engineer with field experience with mechanics, hydraulics, electronics/instrumentation, and control systems.

Performed assembly, commissioning, conversion, repairs, and periodic inspections on marine- and offshore cranes, other lifting equipment, and lifesaving appliances.

Approved by Norwegian Maritime Authority for periodic inspection and recertification of offshore cranes (B-1). Certified for periodic inspections of loose lifting gear (G11).

EXPERIENCE

08.18 – Present SPEO Products AS

Electrical Design Engineer

- Develop technology for electro-hybrid solutions according to NORSOK and relevant IEC standards.
 - Electrical design for control systems (control cabinets, instrumentation, motor circuits etc.)
 - Produce electrical drawings in AutoCad.
 - PLC programming (Wago/Codesys – IEC 61131-3)
 - HMI design (atvise – Pure web and OPC UA)
 - Testing of electro-hydraulic equipment
- Consultancy – Hardware Engineer, MHWirth**
- Provide input to quotations for control system upgrades.
 - Prepare work packages.
 - Electrical design in AutoCad and Frames (Database-driven engineering and design tool).

06.17 – 04.18 TTS Marine AS

Service Engineer / Assembly Electro

- Hired for various short projects
 - Repairs and inspections on marine- and offshore cranes
 - Building and testing of control cabinets for electric winch bollards

03.16 – 03.17 Alatas Norway AS

Sparepart Coordinator

- Sold spare parts for cranes and other lifting equipment
- Follow up on customers and suppliers
- Crane repairs and inspections on site
- Technical support towards customers and service engineers

10.14 – 02.16 Necon AS

Senior Consultant

- Hired to NOV

10.14 – 12.15 National Oilwell Varco

Equipment Responsible, Catwalk

- Responsible for delivery of Catwalk machines
- Coordination and follow up on responsible discipline engineers (mech., hyd., el.)
- Follow up on production and testing
- Preparation of installation-, test-, commissioning-, and handling procedures

10.11 – 10.14 TTS Marine AS

Service Engineer

- Installation, commissioning, conversion, repairs, and periodic inspection on marine- and offshore cranes and davits
- Primarily work tasks within electronics/instrumentation and software (PLC/HMI from Omron and Siemens), but also hyd. and mech.

- Participated in projects in workshop between service jobs with hydraulic- and electrical drawings, building of control cabinets and crane cabins, repairs on hydraulic components, customer support, and testing of equipment

03.11 – 10.11 TTS Marine AS

Sales Engineer

- Sold spare parts for cranes and davits
- Follow up on customers and suppliers

EDUCATION

2010	Courses abroad as part of education at AAU – University of Auckland
2009 – 2011	Design of Mechanical Systems (Post grad. Level) – Aalborg University
2006 – 2009	Mechatronics (B.Sc.) – Agder University

COURSES

Control of Lifting Equipment – G11
NMA Competent Person B-1
First aid course
Offshore Basic Safety and Emergency Training (including CA-EBS)
Simatic S7 Programming 1
Hot Work