

CURRICULUM VITAE Boris N Valentin

DISCIPLINE: Mechanical Engineer B. Sc. specialized in Site Management, Project Management and Product Development

NAME : Boris N Valentin

DATE OF BIRTH : 15/12 1961

NATIONALITY : Danish

LANGUAGES : Scandinavian, English, German, French

EDUCATION : Mechanical Engineer with majors in Materials and Mechanical Design June 30th, 2001

FURTHER EDUCATION : PIV Laser Systems operator
Intellectual Properties courses
LEAN Implementation
Risk Management courses (Medical)
Software training at expert level in AutoCAD, Solid Works, Inventor, Office Package, FlowWorks, Caesar II certified
Software training at user level in Piping and Wiring, Mechanica, Cosmos, Geostar, Pro Engineer, SQL Database, Cosmos FEM analysis
and more
Other
Driver's license for car, bus and truck
Yacht master
Dive master - instructor
Sky diver
Sergeant (army) 1981-84
World record in diving 1983 (Guinness Book of Records)

KEY QUALIFICATIONS :

- Site Management
- Outsourcing
- Training of personnel in Asia to Danish/western work standards (Project and quality management)
- Project Management
- Design, Construction Manager
- Site Inspector HSE, QA, QC, Installation Supervision
- Surface treatment, Fabrication and Installation etc.
- General document and specification handling
- Structural Design
- Project Planning
- Supervision, QC, NDT etc. documentation



EXPERIENCE RECORD :

General : 25 years of experience in Business and Engineering related work in most areas of the world.

March 2017 – August 2020: Company: BIIR aps

Position: Operations Manager and senior consultant

March 2017 until January 2018 Operations Manager at BIIR aps for offices in Denmark and Ukraine in charge of starting turnkey projects with production setups in Ukraine and Vietnam

Responsibilities:

- Contract negotiations, due diligence on potential Yards and suppliers
- Primary responsibility toward Clients
- Site inspections including HSE and QA/QC
- Supplier negotiations including HSE and QA/QC
- Point of contact for Class, Yard and Clients
- Consultancy for Vestas on general materials testing methods and procedures
- Production management and site inspection on LM Wind test machine construction in Vietnam
- Production inspection for MHI Vestas at facility in Spain
- Project Manager Seasight Davits on Manriding development
- Production in Vietnam for several of the large wind suppliers. Including preparation, QAQC from design to delivery

Jan. 2015 – Feb. 2017 : Company: Starmarine Pro

Position: Site Manager

June 2014 until January 2017 Site Manager at CMHI (China Merchants Heavy Industries) Haimen (Nantong, China) in charge of building 4 CJ46 Jackup's for owners side

Responsibilities:

- Drilling, Piping, Mechanical, Electrical and Structural related issues from installation to



Commissioning and final inspection with Class and Yard.

- Primary responsibility toward owner (Welltarget inc)
- Site inspections including HSE and QA/QC
- Supplier negotiations including HSE and QA/QC
- Point of contact for Class, Yard and Suppliers
- Direct supervision of site team and training role towards Yard management

Feb. 2012 – Jan. 2015 :

Company: Semco Maritime

Position: Senior Project Engineer/Manager

November 2013 until February 2014 Lead senior site engineer at Maersk Developer (semi sub) SPS in Mississippi

Responsibilities:

- Piping, mechanical and structural related issues from installation to tests and final inspection with Class and Customer.
- Primary responsibility NOV oversight for service issues
- Site inspections including HSE and QA
- Supplier negotiations including HSE and QA
- Point of contact for Class, Customers and Supervisors for all issues relating to structure, piping and equipment
- Direct supervision of all derrick supervisors, fabricators and surveyors (team of 200+ men)

Middle May 2013 until middle November 2013 Temporary Operations Manager/Senior rig upgrade Manager Semco Maritime Vietnam

Responsibilities:

- Setup of organisation to prepare Department to include rig upgrades in operational portfolio
- Site inspections
- Point of contact for Class and Customers
- Direct Manager for Rig upgrade of Murmanskaya rig (Jack up) (3½ month)
- Documentation and oversight of all other projects during the entire period
- Direct management of engineering department
- Implementation of procedures for document control and work flows



End of January to April 2013 Documentation work on EDC jack-up in Bahrain

Responsibilities:

- Revision of Operations Manual to reflect current modifications
- Site inspections
- Point of contact for Class and Customer
- 3rd party drawing revision to ensure Company and Class HSE standards are met
- Documentation deliverables

Autumn 2012 Lead senior site engineer at Transocean Leader (semi sub) upgrade in Norway

Responsibilities:

- Piping, mechanical and structural related issues from installation to tests and final inspection with Class and Customer.
- Site inspections including HSE and QA
- Supplier negotiations including HSE and QA
- Point of contact for Class, Customers and Supervisors for all issues relating to structure, piping and equipment
- Direct supervision of all derrick supervisors, fabricators and surveyors (team of 50+ men)
- Modification designs from CAD to final documentation
- Documentation deliverables

Spring 2012 Classification of Drillship for Odfjell in Brazil

Responsibilities:

- Site inspections both on Drillship and at construction facilities onshore including HSE and QA
- Supplier negotiations and supervision including HSE and QA
- Point of contact for Class, Customer and Site Engineers
- Modification designs from CAD to final documentation
- Documentation deliverables



Oct 2011 – Feb. 2012 : Atlantic Crossing

Captain own ship

Aug. 2009 – Oct 2011 : Company: National Oilwell Varco I&C Korea

Position: Senior Piping and Structural Engineer with sole site wide responsibility for all Piping, Mechanical and Structural issues (site inspections, Vendor related communications, internal technical clarifications and customer contact), on all derricks.

Projects: Continuously responsible for 8+ drillships and a few semi subs (total delivery of 28 rigs during this period)

Responsibilities:

- Piping, mechanical and structural related issues from installation to tests and final inspection with Class and Customer.
- Site inspections including HSE and QA
- Supplier negotiations
- Point of contact for Class, Customers and Supervisors for all issues relating to structure, piping and equipment
- Direct supervision of all derrick supervisors, fabricators and surveyors (team of 40+ men)
- Modification designs from CAD to final documentation
- Documentation deliverables

Jan. 2007 – Aug. 2009 : Company: National Oilwell Varco Norway

Position: Piping/project Engineer with company wide responsibility for all Piping issues (Stress calculations, site inspections, Vendor related communications and customer contact), Parts lists, flow diagrams etc. on derricks.

Projects: Continuously responsible for 12+ derricks

Responsibilities:

- Specification documents for customers and suppliers
- General Companywide piping procedures
- Site inspections including HSE and QA
- Supplier negotiations
- Flow simulations
- Point of contact for customer and workshop related issues with piping and equipment



- Strength analysis and design training of personnel in Shanghai China on CAD and best design practice

- Aug. 2004 – Jan. 2007 : Company: Bang & Olufsen Medicom A/S
- Position: Mechanical Engineer with company wide responsibility for all Mechanical design analysis (Mechanical systems and FEM), CFD simulation and PIV Visualization
Projects: Medical Inhalers in cooperation with various medical companies.
Responsible for mechanical development of devices in Pro Engineer and SolidWorks.
Flow simulation to verify concept.
PIV analysis of prototypes.
CAD development.
Production setup, risk assessment, intellectual properties research.
Lead Mechanical designer on 5 products
Presently inventor on 3 flow related patents
- Aug. 2003 – Aug. 2004 : Company: Danfoss A/S
- Position: Patent Engineer
Project: Responsible for Intellectual Properties at 5 Danfoss divisions maintaining IP portfolios, researching patentability and some CAD construction in Inventor and Solid Works to demonstrate principles. IP responsible at 5 separate Due Diligence investigations of companies.
- Sep. 2000 – Aug. 2003 : Company: Dansk Ingenioer Service A/S, Aarhus
- Position: Project Engineer
Project: Consulting Engineer in Mechanical Design and internally responsible for network, server, software and software support.
- Sep. 2000 : Company: Dansk Ingenioer Service A/S, Aarhus
- Client: Hwam Handling
Position: Project Engineer
Project: CAD construction of Doors for Furnace, Solid Works and AutoCAD.
- Oct. 2000 – Jan. 2001 : Company: Dansk Ingenioer Service A/S, Aarhus
- Client: Hwam Handling
Position: Project Engineer



Project: Optimization and CAD construction of complete electric/hydraulic Pallet Truck, Solid Works and Cosmos

Jan. 2001 – June 2001 : Company: Dansk Ingenioer Service A/S, Aarhus

Client: internal project
Position: Project Engineer
Project: Cad construction of medical glovebox for work with genetic material including flow simulation of interior to ascertain complete changeover of circulated air. Solid Works, Flow works, Piping and wiring

June 2001 – Aug 2001 : Company: Dansk Ingenioer Service A/S, Aarhus

Client: Crisplant FKI Logistex, Aarhus
Position: Project Engineer
Project: CAD construction of Conveyor belt for Bangkok Int. Airport, Solid Works

Aug. 2001 – Mar. 2002 : Company: Dansk Ingenioer Service A/S, Aarhus

Client: Crisplant FKI Logistex, Aarhus
Position: Project Engineer
Project: CAD construction of elements for Conveyor system for Munich Airport. Mainly design of elements for diverting baggage trays into 2 directions with test setups and simulations in Cosmos for strength analysis. Solid Works, AutoCAD and Cosmos

Mar. 2002 – Sep. 2002 : Company: Dansk Ingenioer Service A/S, Aarhus

Client: Crisplant FKI Logistex, Aarhus
Position: Project Engineer
Project: CAD construction of complete conveyor system for Johannesburg Airport, Solid Works and AutoCAD

Sep. 2002 – Dec. 2002 : Company: Dansk Ingenioer Service A/S, Aarhus

Client: Crisplant FKI Logistex, Aarhus
Position: Project Engineer
Project: CAD construction of elements for Conveyor system for Brussels Airport. Mainly curve element with test setups and simulations in Cosmos for strength analysis. Solid Works, AutoCAD and Cosmos

Dec. 2002 – Jan. 2003 : Company: Dansk Ingenioer Service A/S, Aarhus

Client: Micon, Randers
Position: Project Engineer



Project: Strength analysis of windmill parts. ProEngineer and Ansys

Jan. 2003 – Feb. 2003 : Company: Dansk Ingenioer Service A/S, Aarhus

Client: Svendborg Brakes, Svendborg
Position: Project Engineer
Project: Strength analysis of Brake Caliper. ProEngineer and Cosmos

Feb. 2003 – Apr. 2003 : Company: Dansk Ingenioer Service A/S, Aarhus

Client: Hycon A/S, Aalborg
Position: Project Engineer
Project: CAD construction of hydraulic tools and prototype production with primary test setup, Inventor

Apr. 2003 – Aug. 2003 : Company: Dansk Ingenioer Service A/S, Aarhus

Client: Danfoss Drives A/S
Position: Project Engineer
Project: CAD construction of IP65 Frequency Inverter including simulation of internal flow to optimize cooling, ProEngineer and Cosmos

Jan. 1999 – June 1999 : Company: Toria Auto A/S

Position: trainee
Project: prototype development of cabin tricycle from 3D CAD to machining and outsourcing, Solid Works and AutoCAD

Sep. 1995 – Feb. 1996 : Company: Lautoka Wharf, Fiji

Position: Project responsible
Project: Rebuild of Tuna Fishing fleet (8 ships) for power redundancy in cooling. Managed a 12 man local crew of skilled workers from planning the rebuilds to overseeing the projects

Oct. 1993 – Mar. 1994 : Company: Andy Griffith Yacht Service, Sydney

Position: Project responsible
Project: Renovation of Yachts in Sydney with specialty in electric and hydraulic systems

Dec. 1990 – Mar. 1992 : Company: Taino Beach Condominiums, Grand Bahamas



Position: Advisor

Project: Marina project at canal hotel with responsibility for all AutoCAD drawings, Overall Layout and Inspection onsite

Aug. 1988 – Mar. 1989 :

Company: Ships project Bifrost

Position: Design, Drawing and actual work

Project: Complete design and construction of Vikingship replica in modern materials, including blueprints, strength calculations, electrical and hydraulic systems, standing and running rig and all control systems.

Sep. 1984 – July. 1988 :

Company: Valentin imports

Position: One man company based in India

Project: Acquisition of raw materials and production of items for sale to shops in Denmark. Main areas in clothing, jewellery and custom woodwork.

If further information regarding the experience record or other data is required, please do not hesitate to contact our office.