



CURRICULUM VITAE Boris N Valentin

DISCIPLINE: Mechanical Engineer specialized in Offshore piping and structural design, Simulation and CAD design

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 : Caesar II certified
Cosmos FEM analysis
PIV Laser Systems operator
Intellectual Properties courses
Risk Management courses (Medical)
Software training at expert level in AutoCAD, Solid Works, Inventor, Pro Engineer, SQL Database, Office Package, Mechanica, Cosmos, Geostar, FlowWorks
Software training at user level in Piping and Wiring
Driver's license for car, bus and truck
Yacht master
Dive master - instructor
Sky diver
Sergeant (army) 1981-82
World record in diving 1983-89 (Guinness Book of Records)

EXPERIENCE RECORD :

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

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

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

Projects: Currently responsible for 8+ derricks
Responsible for all piping and structural related issues from installation to tests and final inspection with Class and Customer.

Point of contact for Class, Customers and Supervisors related issues with piping and equipment



Direct supervision of all derrick supervisors, fabricators and surveyors

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: Currently responsible for 12+ derricks

Responsible for all piping related issues from first flow diagram to final inspection of derrick only not including piping layout.

Caesar II simulation to verify stress in piping design.

General flow diagrams to initialize piping layout.

Parts lists for equipment connection to ringline and standpipes.

Point of contact for customer and workshop related issues with piping and equipment

Software training in Shanghai China on CAD and Strength analysis

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.