

Curriculum Vitae



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PROFILE

A HIGHLY MOTIVATED AND ADAPTABLE PROJECT MANAGER & SENIOR MECHANICAL ENGINEER with over 20 years' extensive experience in the Pharmaceutical, Solar & Wind Power, Steel Construction and Food industries, on major projects (worldwide) who offers:

- Expertise in General / Vendor / Project Management, Project Engineering and Consultancy.
- Specification and installation of equipment and facility systems under GMP regulations.
- Product development, specification, production design and implementation.
- Stakeholder and client relations management.
- Validation of production and products also with statistical methods.
- Lean 6 sigma and hands on experience with analysis systems (JMP (SAS) and Minitab).
- Problem solving and road block removal.
- Practical and hands on approach.
- Ability to negotiate effectively at all levels.

STRENGTHS

- Adept at developing new products and equipment to increase efficiency and maximise profitability.
- A logical and innovative thinker, with proven ability to devise effective solutions in production processes.
- An inspirational team leader, accustomed to seeing all aspects of a project through to successful completion.

PROFESSIONAL

- Certified Project Manager, 2012 – PM@Siemens internal PM education (like PMP)
- Certified Green Belt, 2007 – Six Sigma, 12 weeks incl. practical task.
- NNE Pharmaplan Project Mgmt. PMP, 2007 – Preparation for PMP examine, 1 week
- Personal Power 2005, Syntax A/S – Training to reach your goals, 3 days

QUALIFICATIONS

- Master of Science 1991, Danish Technical University, Copenhagen – Mechanical Engineering, QC in R&D
- Bachelor of science 1988 Danish Technical University, Copenhagen – Mechanical Engineering, Devices & Robotics

LANGUAGES

- English
- German
- Danish

Carer history

2016 – Date **SinCop Ltd./DK** **New Zealand & Denmark**

Partner and Consultant within Project Management, Pharmaceuticals, Wind Power and Mechanical Engineering:

Projects:

- Project management for developing industrial version of helium trace gas integrity tester for single use cell factories, including validation and implementation.
Costumer: ThermoFisher Roskilde/DIS Innovative Engineering A/S.
- Validation support for QA department. Developing of validation protocols and risk assessments.
Costumer: ThermoFisher Roskilde/DIS Innovative Engineering A/S.
- Project manager for developing single use equipment with configured set up for vaccine manufacturing combined with developing integrity test based on helium trace gas.
Costumer: ThermoFisher Roskilde/DIS Innovative Engineering A/S.
- Validation & start up project manager for installation of filling line incl. vial washer, depyrogenation tunnel and handling equipment to freeze dryers.
Costumer: Xellia, Cleveland/Alfa Nordic A/S
- Conducted FMECA (risk analysis) for injection device for diabetes treatment
Costumer: Novonordisk, Denmark/Alfa Nordic A/S
- Support filling line operation for insulin manufacturer
Costumer: Novonordisk, Denmark/AlfaNordic A/S

2014 – 2016 **Randall and Associates Ltd.** **New Zealand**

Senior Project Manager and Mechanical Engineer:

Projects:

- Certification of safety mesh for wind turbines
Costumer: Meridian Energy Ltd
- Redesign of public gas pipeline for Napier
Costumer: PowerCo Ltd.
- Speciality Certification (like Bull Bars, lifting equipment, rebuild of trucks, etc.)

2011 – 2014 **Siemens Wind Power Pte Ltd.** **Shanghai & Singapore**

Project Manager: Installation of wind farms in South East Asia

- Overall responsible for wind farm projects (100 to 200 mill Euro).
- Leading and organizing a team of engineers, purchasers, economists, transportation, construction and site managers in 3 different countries.
- Communication and negotiation with costumers.
- Sales work: Estimating installation work and site surveying relating to new proposals.

Projects:

- Initiated installation of 17 Turbines in Yurikogen, Japan.
- Completed installation of 6 turbines in Akita, Japan
- Installation of 90 turbines in Korat in Thailand.

Achievements:

- Managed the first Wind Farm Projects in Thailand.
- Increased project result from expected loss to a fair plus.
- Managing first Wind Farm project for Siemens in Japan.

2008 – 2011 **REC Solar as, REC Cells Pte Ltd.** **Norway & Singapore**

Company Representative: PECVD, Firing Furnace & Cell Sorter

- Responsible for Vendor management of the company's major contracts.

- Negotiate contracts, provide technical solutions and closely cooperate with all Departments: Purchasing, Technology, Facility, Production, Maintenance, Human Resources (HR) & Training.
- Supervise machine building and testing, shipping, installation, start-up and commissioning activities (Introducing some statistical methods in functional testing).

Achievements:

- Decreased process non-uniformity from 5% to 2% through excessive modification of tray system.
- Negotiated increase in delivered employee training from 1 to 3 weeks plus specialist training.
- System delivered 4 weeks ahead of schedule solving a major logistic problem on site.

2005 - 2008 **NNE Pharmaplan inc.****USA**

Worked for NNE Pharmaplan, USA, as Project manager on two assignments for two different clients within Novo Nordisk:

Project Manager: Package Owner of high-volume FlexPen Assembly Line

Client: Novo Nordisk Pharmaceutical Industries Inc. (NNP) – Clayton, North Carolina, 2005 - 2008

- Assigned to this sub-project of the main Expansion Project (production of disposable insulin pens).
- Specified equipment, communicated with Vendors and conducted FAT (**in Switzerland**) and SAT.
- Coordinated work with SCADA Development Group (interfaces and test work on the line).
- Devised component plans and helped Logistics on-site to introduce the new product.
- Developed a program of spare parts and assisted with maintenance procedures
- Dealt with UL issues in connection with import of European equipment.
 - ▶ NovoPen 4 is the most precise pen ever developed and produced.

Achievements:

- Fastest FlexPen line in the flexPen program achieved with altered planning of optimisation and ramp up..
- First UL approved FlexPen line.
- Delivery 4 weeks ahead of schedule.

Material Coordination: Product Development

Client: Novo Nordisk Delivery Technology Inc. (NNDT) – Hayward, California, 2007 - 2008

- Engaged upon materials coordination and the development of strip for inhalable insulin.
- Created logistic systems and consensus between 3 different work packages on how to pass laminate material through a total of 12 different processes; applying Lean methods for integration.
- Negotiated agreements between work package owners, site management, QA and Logistics functions.
- During the project, material status shifted from R&D material to fully specified and tested GMP materials.
- Coordinated a number of projects, developing methods and equipment to move material between buildings.

Achievements:

- Negotiated a common logistic system between work packages with very distinct objectives.

1995 - 2005 **Grontmij|Carl Bro, Industry & Marine A/S - Copenhagen****Denmark**

Worked for Grontmij|Carl Bro (today known as Sweco), Industry & Marine Department for 10 years as Project Engineer and Project Manager. Grontmij|Carl Bro is a consulting company and I had clients among the leading Danish and international companies, i.e.:

- Novo Nordisk A/S: Manufacturing and installation of assembly lines for pharmaceutical devices in Denmark and France. Validation based on statistical testing and application of 6-Sigma methods and statistic software (JMP from SAS).
- Fertin A/S: Validation of equipment for medical chewing gum.
- SKAKO A/S: Design of a product series of concrete mixers (spec, visual & mechanical design, prototypes and test).
- NEG Micon A/S: Development of off/on shore Service System for changing major components (gearbox and wings) on 2.7 MW wind turbines. From feasibility study over mechanical design till prototype.
- Royal Danish Theatre: Development of stage equipment (moving water and mirror wall, gas flares etc.) and a stage elevation system (orchestra pit).
- R98 I/S (public waste disposal): Development of a specially prolonged suction arm for vacuum waste management systems.
- Simonsen & Weel A/S: Design and proto typing test handle for a Defibrillator.

- Fritz Hansen Design Furniture: Production friendly design of an office chair.

Achievements:

- Solid experience with client and customer relations.
- Project management of projects with innovative content.
- Broad technical experience from a number of distinct industries.

1991 - 1995 **Brdr. Hartmann a/s - Copenhagen**

Denmark

Brdr. Hartmann a/s manufactures moulded fibre packaging for eggs. I was hired into a newly established department tasked to develop industrial packaging for ie. video recorders, mobile phones etc. using moulded fibres and manufactured on the same type of production equipment that is used for egg packaging (high volume manufacturing).

This meant we had to figure a new packaging design for moulded fibres that could fulfil industrial requirements (like fall test, vibration test etc.) and develop way to modify high volume equipment to become flexible to run low volume orders in a profitable way.

Achievements:

- Developed a modular mould system for lower volumes and flexible design.
 - Established a test lab for basic testing of industrial packaging design.
 - Gathered and conveyed knowledge to the team concerning requirements for industrial packaging.
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