



Dennis Ardal

Key Competences and Tools

Project Management	■	■	■	■	■	■	■
Mechanical Engineering	■	■	■	■	■	■	■
Lean innovation	■	■	■	■	■	■	■
Quality Management	■	■	■	■	■	■	■

Name Dennis Ardal Jensen
Location Aarhus

Work Experience

Year 2011 -
Company MEFU
Title Mechanical Engineer, Consultant/ Owner

Year 2007– 2010
Company Kirkholm maskiningeniører
Title Mechanical engineer

Cases

Task

Mechanical Engineering specialist for 4 years for Tetrapak Hoyer. Construction of ice-cream machinery and e.g. responsible for machine trouble shooting if breakdown at customers.

Process

Probable cause was found at a distance (machine was in Iran) and retrofit kit was designed and produced. Travel to Iran for managing the project of installing retrofit kit.

Results

After working onsite for 3 weeks retro fitting the machine was running on 100% capacity.

Task

Analyse and find reason for uneasy running of machinery and improve it

Process

High accelerations in machine we found as the probable cause. Calculation of a CAM curve was calculated using CAD simulations. Calculations was used in servo motor programme

Results

Machine was running smoothly after new program was implemented in servomotors.

Task

4 years' experience at Vestas Wind System R&D in the Nacelle.

Process

Construction of platforms, coordinating platforms with all departments for space requirements and support mounts. Calculating platforms structural and for CE marking moreover supporting assembly in turbine.

Results

Documentation for mass production of platforms 3MW in nacelle. Part of education team in PDM link and department supporting with Pro-e support.

Task

Mechanical R&D design on a chassis for hardware with sufficient cooling properties for Vestas Wind System.

Process

All hardware was specified with thermodynamic properties and created in CAD. A chassis was designed with sufficient surface area. CFD calculations was done and optimizations to design was made. The prototype was manufactured and tested with success.

Results

Design review and test approval ready for mass production.

Task

3 years of experience at LEGO System R&D Packaging & Processing enabling production of novelties on standardized equipment platforms globally.

Process

Working as constructor and specialist. Handling design review of novelty products from the development department. Enabling maturing of novelties and making production equipment for the global Operation.

Results

Overview of the global supply chain. Knowledge of processes within and after the equipment development. High skills of interface to moulding machines and robots.

Education

Year	2007
Field of study	Mechanical engineer B.Sc.
Educational institution	Engineering college of Aarhus

FOR MORE INFORMATION
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