



# Jesper Købke

## Process Specialist

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### Education

M. Sc. Chemical Engineering,  
Technical University of Denmark

### Training and courses

- Basic GMP and Quality for employees (Lundbeck internal training)
- Re-training in Deviation handling in SAP in SOE (Lundbeck internal training)
- Clean Pocket and VPM (Lundbeck internal training)
- GMP (Pharmakon)
- Six Sigma Black Belt (Dupont Certification)
- Project management
- ATEX

### Skills

- Thermodynamics
- Mass and Energy calculations
- Production support
- Plant optimization on capacity and quality
- Project Management
- Training of personnel
- Process and plant design
- Design and implementation of new processes
- Handling of wastewater
- CO<sub>2</sub>- reduction calculations
- Investment calculations

Highly motivated and persistent to make sure that the quality of products and projects are on target. With my expertise from pharma and ingredients industry I am skilled in troubleshooting, optimizing equipment and processes in production. Diplomatic and pragmatic personality helps to get everyone onboard.

### Profile

More than 7 years of manufacturing process experience within Medical and Food Ingredients Industry. Key toolbox covering following areas:

- Process optimization
- Medical production
- Deviation management
- Problem solving
- On-site production support
- Project Management
- Equipment validation

On top additional 5 year's start-up & free-lance consultancy experience from China. Characterized by being easygoing, analytical, openminded, humorous and adaptable to new challenging situations. My positive mindset helps me being resilient and keep moving forward until finding the right solution to any given problem. Proven communication skills with interpersonal acumen and used to work in highly global cross-cultural environments with diverse colleagues from all over the world.

### Process Engineer in Manufacturing Support (CMS), H. Lundbeck

2020 June -

Job function as process engineer for Chemical Manufacturing support. Responsible for process improvement, process optimization, raw material release, deviation handling and validation updating. Assisting production facility with problem solving, production and contract manufacturing support.

### Consultant and Co-founder/Product Manager for Limitless8

2016-2019

China-based start-up company selling dietary supplements with e-commerce business model.

Key responsibilities for:

- Quality Management
- Certified laboratory testing
- Sourcing
- Product Development

Developed and launched 9 new products for the company.

## Language

- Danish (Native language)
- English (Fluent)
- Mandarin (HSK 3)
- German (Tourist level)

## It

- Microsoft Office
- Lotus Notes
- Minitab
- MatLab and AspenTech
- Fortran, Java, Pascal, HTML and ASP
- Comsol and Fluent

## Leisure Time

- Fitness
- Kungfu
- Kayak (Certified Kayaking Instructor)

## Personal Information

- Danish
- Born 1979
- 2 Children (born 2010,2012)
- Driver license
- Chinese driver license

## Free-lance consultant and Chinese studying in Beijing

2014-2017

Consulting for SME's on product development and quality control. Studying Chinese part-time and hence passed level 3 of Chinese standard language proficiency exam with a score-rate of 99%.

## Process Engineer in Manufacturing Technology (MT), DuPont N&H

2011-2014

Job function as Manufacturing Technology Engineer in texture ingredients of hydrocolloids. Responsible for process improvement, process optimization, process development and new product implementation of hydrophilic colloids. Responsible for equipment testing according to performance and current GMP. Assisting production facility with problem solving, production support and on-site support during start up. Additional experience within other natural gums, gelling and thickening agents for the food industry in collaboration with R&D scientists and production facility. Wastewater treatment in Spain and the Czech Republic.

## Process Engineer at Aarhus Karlshamn (AAK)

2008-2011

Engaged in the process engineering group to improve and optimize production. Furthermore, important work area was production support, problem solving, securing current GMP regulations. Main area of responsibility was solvent extraction, solvent separation and waste treatment from all solvent facilities.

## Consultant at The Danish Technological Institute

2007-2008

Development Consultant in "The Center for Renewable Energy and Transport", in order to find new applications with hydrogen or biomass as an energy source.

Main working area conversion of syntheses gas to electricity with high temperature (HT) fuel cells, conversion of methanol to syntheses gas and gasification of biomass.

## Process Engineer at BioGasol

2006-2007

The company deliver technology for production of 2nd generation bioethanol. Main focus was to design and dimensioning a demonstration plant including VVM planning.

## Previous Leisure Jobs

2002-2006	Kayak instructor, Lyngby Kano Club, Denmark
2003	Construction carpenter at Iceland
1999-2000	Nursery at a kindergarten in Gentofte, Denmark
1997-2000	Boy Scout Leader
1994-1999	Time job on a farm
1993-1999	Center Employee at Scout Center Assenbækmølle, Denmark

