

# PETER SOONS

NAME	Petrus Catharina Gerlach Soons
YEAR OF BIRTH	1964
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## KEY QUALIFICATIONS.

- Extensive experience in process- and product- development, process-design, trouble shooting, revamping, pilot plant testing, commissioning & start-up.
- Specialist Expertise in Solids Technology i.e. processes & equipment for production of solids from melt, solution, wet cake, etc. by granulation (fluid bed, drum, spray, etc), prilling, pelletizing, flaking, compaction, etc. for Urea, Chemical intermediates, plastic prepolymers, etc. in Production, Engineering, Research & development, pilot plant, etc.

## WORK EXPERIENCE.

### **Jun. 2021 – present**      **Owner SCPC Soons Chemical Process Consultancy**

- Advise and support companies in the Fertilizer & Chemical Process Industry with regard to Chemical process design and -development, product-design and -development, trouble-shooting, debottle-necking, start-ups, laboratory and pilot-scale testing, etc.

### **2015 – 2020**      **Senior R&D Engineer**

Stamicarbon BV, Sittard (The Netherlands).

- Responsible for the further development of the Urea finishing technology.
- Developing and (co-)executing R&D plans.
- Organizing and co-executing of lab- and pilot scale testing for fluid bed granulation of Urea and Urea - XXX co-granulate.
- Lead engineer for first conceptual design and first EPC phase of Urea - XXX co-granulate plant.
- Developing alternative shaping technology for Urea.
- Coaching of engineers.

### **2012 – 2015**      **Senior Process Engineer**

Stamicarbon BV, Sittard (The Netherlands).

Responsible for Urea Granulation Process Design Packages, standardization, further development of Urea Granulation Technology, acquisition support.

- Lead engineer in development of very high efficiency dust washing for granulator off gas.

- Acquisition support and implementation of new developed high efficiency dust washing in running Urea plants.
- Lead engineer during conceptual, basic, EPC phase of revamping of pilot plant.
- Commissioning and start-up of Urea granulation plants.
- Coaching of engineers.

## **2010 – 2012**                      **Process Engineer**

Stamicarbon BV, Sittard (The Netherlands).

Working on Urea Granulation Process Design Packages, standardization, further development of Urea Granulation Technology, acquisition support.

- Process Engineer during a number of proposals and PDP-packages for new Urea plants.
- Commissioning and start-up of Urea granulation plants.

## **1998 – 2010**                      **Solids Technology Expert**

DSM Research BV, Geleen (The Netherlands).

Working on a large variety of solids technology projects and developments for many different Business Units of DSM.

- Newbuild, revamping, trouble shooting, of several plants e.g. : PA6, PA46 (Stanyl), PA4T, Sodium Benzoat, Benzoic Acid, Melamine, engineering plastics compounding plants (extrusion), etc.
- Customer support for solving problems at DSM's customers with Sodium Benzoate and Melamine
- Develop pilot plant tests for specific purposes (built pneumatic conveying test-rig, compaction for prepolymers, etc.).
- New and improved product development, starting from defining customer demands through several phases up to start up of new process.
- Contractor guidance and control during several projects.

## **1989 – 1998**                      **Plant Engineer**

Holland Sweetener Company, Geleen (The Netherlands).

Production support, trouble shooting, revamping, development and implementation of improvement projects in the Aspartame Production plant.

- Trouble shooting and revamping of (parts of) plant.
- Guiding Production in optimal operation of plant.
- Improving of Product quality (a.o. solve issues with high dust content and hygienic aspects).
- Project leader for large revamp project.
- Member of safety committee.

## **1986 – 1989**                      **HES Officer**

DSM Division Chemicals, Geleen (The Netherlands).

Support/advise production plants w.r.t. Safety and Environment.

## EDUCATION.

**1986 – 1989**                      **VOA, HOGESCHOOL DEN-BOSCH (The Netherlands).**  
Business Administration at Bachelor's level VOA-3.

**1982 – 1986**                      **HTS, HEERLEN (The Netherlands).**  
Chemical Engineering Bachelor, Cum Laude.

**1976 – 1982**                      **SINT MAARTENSCOLLEGE MAASTRICHT (The Netherlands).**  
Atheneum Beta.

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## LANGUAGE.

DUTCH	Speaking	Native
	Writing	Native
ENGLISH	Speaking	Fluent
	Writing	Fluent
GERMAN	Speaking	Fluent
	Writing	Good
FRENCH	Speaking	Basic/good
	Writing	Basic

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## SKILLS

Strong conceptual and analytical thinking skills  
Convincing  
Goal oriented  
Structured  
Strong drive/motivated  
Flexible  
Independent