

20, rue Emile Fontanier – Le Mesnil Saint Denis – F-78320 - France

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April 07, 2020

Dear Colleagues,

After decades of contribution in CEAMAG development, I become available since beginning 2020 for assisting your Company, in projects development and management, processes development for new projects or revamping, operation optimization, in the area of Fertilizers production.

I will listen to any of your needs in the frame of my expertise.

I look forward to collaborate with your Company,

In the meantime, I remain,

very truly yours.



Gerard MALARD

**GERARD MALARD - CHEMICAL ENGINEER**

**A PROFESSIONAL LIFE IN FERTILIZERS INDUSTRY**

<i>Since January 2020</i>	Consultant / Expert
<i>1998 - 2020</i>	CEAMAG SAS
<i>1978 – 1998</i>	KREBS (nowadays subsidiary of TECHNIP)
<i>1974 – 1978</i>	COFAZ (nowadays YARA)

**AS EXECUTIVE OFFICER**

Founder and Manager of Company CEAMAG SAS (since 1998): Process, Engineering, Procurement Services exclusively dedicated to Fertilizers industry.

**AS PROJECT TEAMS MANAGER**

Numerous works in new plants projects or revamping for Ammonia, Urea, Nitric Acid, Ammonium Nitrate, AN Based Granulated Compounds, NP, NPK, MAP, DAP.

Business Development Manager for several major Fertilizers project around the world.

**AS PROCESS ENGINEER**

Process Documentation, Basic Studies for Ammonia, Nitric Acid, Ammonium Nitrate, AN based compounds, small ammonia plants (50-400 mtpd), micronized Sulphur for agriculture.

Commissioning Manager for Sulphuric Acid plant, Phosphoric Acid plant, Nitric Acid Plant, AN plant, AN based compounds plant, granulation plants.

**AS PROCESS DEVELOPER**

Piloting of phosphoric Acid double crystallization process (semi-industrial),  
Piloting of photo-chlorination processes for chlorinated compounds (semi-industrial),  
Piloting of micronized Sulphur "polymers" (Laboratory scale, Semi-industrial, Industrial),  
Development of Computer Models for Nitric Acid Processes Flowsheeting.

**AS PRODUCTION PLANT SHIFT MANAGER**

MAP, Sulphuric Acid, Phosphoric Acid, Nitric Acid.