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# Elia Azencot

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052-3339399

[Elia.azencot@gmail.com](mailto:Elia.azencot@gmail.com)

Address: Haifa

[Linkedin](#)

A highly experienced Chemical Engineer with a demonstrated history of working in the petrochemical and medical industry with multidisciplinary projects. Excellent time management skills, communication, independent and managerial skills. looking for my next challenge.

**Skills:** office , Solidworks , SAP- ERP- Priority , SQL, MS-PROJECTS, MINITAB/JUMP.

**Courses :**

Energy supervisor.

Data Analysts includes advanced Excell and advanced SQL.

Industry 4.1 Innovation leaders.

## **Professional Experience**

### **2024 - Today      Product industrialization engineer, Philips**

- Initiates and oversees process technology development activities in the context of New Product Generation as well as product and solution technology roadmap.
- Ensures adherence to the applicable process for product introductions, qualifications and release.
- Ownership of Soldering process as part of new product qualification release . The Soldering process includes the solder paste jetting, pick and place of BGA/PDA components and reflow.
- Investigation of failure analysis of Soldering process vs final test results.
- May-24, Solder jet machine training course of Micronic, Sweden. The training includes: machine operation, recipe preparation and other relevant machine software training.
- July-24 , V6 flex team recognition, for successful release of new flex and support in Micronic machine failure that includes root cause investigation, software update and release of the machine to production .

### **2022 - 2024      Process Engineer, Resonetics**

Primary engineering owner for an assigned manufacturing process of medical device components.

- Collaborates with Manufacturing Operations, Maintenance, Quality, Team leaders, Production Planning and Control departments in cost saving, ramp up and % Yield increase projects.
- In 2022 I served as the project manager on the main project, after analyzing main process parameters (DOE) and several processes experiments I set up the process window that provided stable, reproducible process, included troubleshooting procedures for common process issues.  
The % Yield of this process increased from 75-80% to 85-90% which is a cost saving of 50K\$ per month.
- In 2023 after analyzing main process parameters (DOE) of another product and several processes experiments, I successfully in the ramping up of 50% in production and % Yield increase to 90% compared to 70% in 2022 which is a cost saving of 20K\$ per month.
- In 2023 I supported the implementation of new processes, including process transfer from R&D , implementing the production method and process modifications.

## **2020 - 2022     Process Engineer, Tuboplast**

- Establishing and improving efficiencies in the manufacturing of plastic tubes for cosmetics and aluminum tubes for pharmaceutical.
- Other daily responsibilities that were included: procedure generation, participation in all production readiness activities for new clients, Inline professional and hands-on assistance for technical problems.
- In 2020, the first year of covid-19 pandemic, I was the project manager of an alternative raw materials project, due to lack of part of the raw material shipments and long lead time. I was successful in implementation of an alternative raw materials in most of the process stages that are reach compliance and suitable for process conditions.
- As the organization innovation leader, I initiated new products as anti-bacterial tube (high demand in covid-19 pandemic), sunscreen cream tube that change the color when exposed to UVB rays.

## **2018 - 2019     Process Engineer, Shemen Industries Ltd**

- Primary engineering owner for the Oil manufacturing process.
- Collaborated with Manufacturing Operations and Maintenance to resolve technical issues in manufacturing processes and equipment.
- Led continuous improvement initiatives in assigned area and cost reduction projects.
- Air pollution (RTO) and water waste treatment facilities process owner and monitoring.

## **2011-2017     Dor Chemicals Ltd**

### ***2015 -2017   Engineering Manager***

- Plant engineering manager. I was the manager of 5 mechanical/construction engineers.
- I was responsible for the preventive maintenance and modification projects of all plant infrastructure- vessels, pipes, refinery towers etc.
- I was also responsible for regulatory plant infrastructure as environmental protection , fire fighting and local authority demands.
- As part of the engineering manager role, I planned the engineering annual budget forecast, I was responsible for the planning, execution and supervision in site.
- One of the main projects was refinery tower repair. I planned the repair stages , and the project budget forecast, I prepared the contractors tender . the project timeline was 3 months , I was successful in finishing the project on time and delivering it back to production without any difficulties.

### ***2011 -2014   Project Manager***

- Acted as the CEO assistance as a project manager.  
I was Responsible for planning and management of cost saving projects and governmental financed projects.
- As an example, one of projects was using blend of Methanol and gasoline in private cars to reduce emission of toxic substances. The project was approved by Ministry of Energy.
- As part of the project I participated in Israeli standards committee that approved the M15 Methanol-Gasoline blend standard.
- I was also the plant energy supervisor, I was responsible for finding energy efficiencies and cost saving ways ,yearly checkup and energy survey report preparation.

## **Education:**

### **2001 –2006     Technion - Israel Institute of Technology**

BA, Chemistry.

B.Sc graduate , Chemical Engineering.

## **Languages:**

- English-Professional working proficiency.
- Hebrew-Native or bilingual proficiency