

MIGUEL PAZ

CHEMICAL ENGINEER

ENERGY EFFICIENCY SPECIALIST

Chemical engineer with more than 7 years of experience in the personal care, cosmetics, food, and pharmaceutical sectors, with expertise in industrial-level process optimization and control. I am interested in working in industrial improvement planning, innovation, safety and hygiene, process automation, the creation of environmentally friendly processes, and human resources.



CONTACT

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Portfolio:

<https://portfolioengineermiguelpaz.netlify.app>

Hobbies:

Family time, self-taught, and traveler



EDUCATION

Universidad Autónoma de Occidente

- Lean Six Sigma Green/Black Belts, 2025
- Specialization in Energy Efficiency , 2021

Comfandi

- Data analysis training with Power BI, 2025
- Cross-cutting skills training (Transformational leadership) , 2025

ICONTEC

- Energy Management System Internal Auditor ISO 50001:2019, 2021

SGS S.A.

- QEHIS Integrated Management Systems Internal Auditor - ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018, 2021

Universidad del Valle

- Chemical Engineering 2017

Servicio Nacional de Aprendizaje

- Technician in analysis of chemical samples, 2011



LANGUAGES

English



80%

Spanish



100%



SKILLS

- Leadership
- Teamwork
- Personnel management
- Adaptability
- Project design, management, and evaluation.
- Focused on smart results



PROGRAMS

- Siesa Enterprise (ERP)
- SAP
- Microsoft Office (Excel, Word, Power Point, Visio)
- Minitab
- Power BI



WORK EXPERIENCE

2025 - Currently

Ambiocom

Production supervisor

- Planning and execution of the daily production program for extra neutral alcohols for pharmaceutical, food (liqueurs), cosmetic (splash, colognes, fragrances), and paint use.
- Leadership of 20 distillery, boiler, water process, and wastewater treatment plant operators.
- Optimization of operations and logistics, improving processes and increasing efficiencies.

2023 - 2025

Bivien

Dispensing and manufacturing coordinator

- Planning and monitoring the weekly production schedule, ensuring delivery in the established quantities and deadlines.
- Leading 35 operators and 10 professionals, ensuring product availability in accordance with quality standards for cosmetics and personal care.
- Managing action plans in operations and logistics, resolving deviations, non-conformities, and incidents in eight work centers.

2022 - 2023

Tecnoquímicas S.A.

Production coordinador

- Planning and execution of the weekly production program, optimizing the plant's operational capacity.
- Supervision of 6 liquid drug lines, managing 250 operators and 15 professionals from different areas.
- Implementation of action plans in the event of deviations, non-conformities, and incidents, ensuring operational continuity.

2020 - 2022

Lloreda S.A.

Shift engineer

- Supervision of the production of oils, margarines, sauces, and solids, ensuring quality, safety, and productivity in accordance with ISO 22000 and HACCP methodology.
- Validation of operating parameters and production programs, with information recording and control.
- Support in the selection and management of a team of 55 people.
- Management of physical and system information flow (SIESA) for the nine food processing and refining plants.

2017 - 2020

Químicos del Cauca S.A.S.

Operations coordinator

- Operation and control of sulfonic acid and sulfated alcohol production plants, ensuring production, quality, environmental safety, and shipment coordination.
- Leadership of a team of 25 people, assigning tasks according to skills to meet production needs.
- Analyze process variables and laboratory results, ensuring final product quality.