

MIGUEL ANGEL PAZ ROSERO

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**PROFESSIONAL PROFILE**

Chemical engineer with 7 years of experience in the personal care, cosmetics, food, and pharmaceutical sectors with knowledge in optimization and control of processes at industrial level, transformation of raw materials to give added value and analyze chemical samples. I have skills to work in a team, leadership, good communication, achievement of proposed objectives and facility to connect the goals of an organization, company, etc. With interest to working in plan of industrial improvement, innovation, safety and hygiene, process automation, research, creation of environmentally friendly processes and human talent.

SKILLS

- Leadership, teamwork, responsibility and adaptability to multiple scenarios
- I have skills in the area of design, management, research, environmental management and evaluation of projects for its execution.
- Knowledge of hazard and risk identification both in the laboratory and in the chemical industry.
- Knowledge of technical procedures related to the qualitative and quantitative analysis of uncharacterized substances, based on national (NTC) and international standards (ACTM). Furthermore, handling of logistic programs such as Siesa Enterprise and SAP

WORK EXPERIENCE**Bivien**

With more than 30 years of experience in the Colombian market and a portfolio of brands designed to provide wellness, the Cali-based company Belleza Express is now Bivien. Its goal is to become an industry leader, backed by experts in self-care and wellness. These professionals guarantee the quality of the associated brands, taking advantage of their knowledge and trajectory. This company has already earned a good reputation, since it has the trust of Colombian families thanks to brands such as: Intibon, Menticol, Depilex, Sun Pro, Aromasense, Nutrit and Bioherbal, Arrurú, etc., products that have specialized formulations and are backed by a team of professional experts. Its production plant is located via Cali-Jamundi with a total of about 500 workers.

Dispensing and manufacturing coordinator

Colombia, Valle del Cauca - Cali

September 4, 2023 – February 17, 2025

Functions:

- Establish and ensure the weekly production schedule, taking into account the operational capacity of the area and oversee its execution, ensuring the availability of the product at the required times/quantities. This of 8 work centers (shampoos, soaps, moisturizers, sunscreen, conditioners, gels, depilatory creams, waxes, colognes and wet wipes) from dispensing to manufacturing, for delivery to the packaging and conditioning area.
- Leading the staff in charge, taking into account corporate values (respect, commitment, passion and closeness) and organizational guidelines in order to ensure product availability under the quality standards stipulated for cosmetics and personal care (especially for the most vulnerable population, such as babies). Guiding and supervising 35 operational people (dispensing operators and manufacturers), taking into account the needs of the production centers using human resources in an optimal way.
- Carrying out action plans for the entire operations and logistics area to respond to deviations, NC or non-compliances that arise in the products and/or procedures.

Achievements:

- A dispensing model was established to increase dispensing times by 40%, taking into account compliance with GMP-GPD policies.
- Personnel were trained on various topics (operations, GMPs, GPD, handling and storage of chemical substances, etc.). The main highlight was the retraining of dispensing and manufacturing operators, since they were provided with physical and technical tools to perform their work with greater professionalism, understanding the knowledge behind the dispensing and manufacturing of mass consumption products for personal care and cosmetics.
- In 2024, under my direction, we achieved INVIMA certification, sales of \$210 billion and the company grew 17.3%.
- We achieved a reduction of retained bulk due to new developments in process, raw materials, etc. that generate NC and delay manufacturing times, availability and labor; going from 25% to 14%. The goal is to reach 4% by the end of this year (2025).

Contact: Jose Fernando Cobo Useche (Industrial Eng.) | Manufacturing Director | (+57) 314 701 39 21 | jfcobo@bivien.com

Tecnoquímicas S.A.Production Coordinator

Colombia, Cauca - Villa Rica

November 21, 2022 – February 26, 2023

Contact: Yeraldin Chaparro Colorado (Pharma. Chem.) | Production Chief | (+57) 311 416 10 85 | ychaparro@tecnocuimicas.com

Lloreda S.A.

Colombian company of mass consumption products with 68 years of history, vertically integrated in the entire chain of the edible oils and fats from the agricultural process to the sale of finished product to the end customer. Focused on adding value to its products through strong and well positioned brands in the market, such as: Premier, Oleocali, Riquísimo, Natura, Practis, Canola Life and GRG6040. It has a staff committed, responsible, honest, professional and transparent of close to 1,000 employees in factories in Yumbo, Cali and Barranquilla, and an African palm plantation of 4,670 hectares in Puerto Wilches (Bucarelia). Its sales are distributed in two basic businesses: Food: 85% and cleanliness: 15%.

Shift Engineer

December 14, 2020 – November 19, 2022

Functions:

- Control the processes of liquid filling (edible oils), preparation and packaging of margarines and spreads, packaging of solids, preparation and filling of sauces; industries of extraction and refined in order to ensure compliance with the standards and specifications of quality, safety, productivity, environmental and industrial safety based on the policies, standards and procedures established in the company.
- Validate operating parameters, record production information in the company's management systems, support the Human Resources department in identifying of training needs of the personnel in charge (about 50 people), be responsible for the scheduling of personnel shifts, ensure the proper functioning of the 9 industrial plants in the processing area, participate actively in programs of continuous improvement, lead the month end inventories and; guarantee and control the execution of production programs, complying with the standards of quality, safety and productivity established.
- Ensure the correct flow of processes in terms of information (from crude oil to packaging and packing - quantities and costs) both physically and virtually (SIESA).

Achievements:

- I trained the personnel in various topics (operations, GMP's, CCP's, controlled documentation, among others). Principally in production deliveries, deliveries to the packaging area to operational personnel which involves the migration to digital format - SIESA, thus achieving to bring all the company's processes in the cloud (November 2021 to June 2022).
- I proposed the idea of modernizing some equipment in the refining process of oils, which led to: creation of a project to change equipment in chemical refining (reduction of wastage - oil that is lost as soap), bleaching (elimination of obsolete equipment for one that works in vacuum, avoiding undesirable reactions such as anisidine, in addition to reduction in consumption of bleaching earth) and physical refining (increase of tons per day and greater control of the process); and start-up of its own interesterification plant of oils. (to stop depending on the purchase of raw material from third parties).
- I led by the entire issue of standards and internal/external audits in the refinery area, thus achieving the compliance with customer requirements, ensuring GMP's, changing equipment and raising awareness to operating personnel, all with a focus on quality, environment, safety and health at work; and energy efficiency in the production processes of the company.

Contact: Nicolás Arbeláez Vásquez (Chemical Eng.) | Processing and Refinery Chief | (+57) 318 377 89 38 | narbelaez@lloreda.com.co

Químicos del Cauca S.A.S.

Colombia, Cauca - Caloto

Colombian company born from QUÍMICA BÁSICA COLOMBIANA S.A. and INDUSTRIAS BÁSICAS DE CALDAS S.A. in 2001, dedicated to the manufacture and commercialization of surfactants for the markets of home care, personal care and agrochemical. The production plant of sulfonic acid began operations in March 2002. In May 2015 inaugurates the production plant of sulfated alcohols. During its history, it has been a supplier of important manufacturers of products from home and personal care, such as: Colgate, Unilever, Reckitt, Dersa, Belleza Express, etc. It has more than 500 collaborators with social responsibility and integrity; and today it supplies products in Colombia, Peru, Ecuador, Mexico and Brazil.

Operations Coordinator

September 7, 2017 - July 24, 2020

Functions:

- Operate, control and monitor the operation of the sulfonic acid and the sulfated alcohols production plant, compliance the requirements with production, quality, coordination of dispatches, environmental control and safety.
- Lead the work group of production on shift to satisfy the needs of the two plants, as well as assign tasks according to the skills of the personnel, so that any inconveniences that may arise can be solved in a timely manner.
- Analyze process variables and laboratory results for taking decision that directly influence the quality of product, in order to comply the standards required by national and international customers.

Achievements:

- I evaluated variables in both processes and I detected the areas with the highest electricity consumption. In order to realize the necessary adjustments, achieving a production more efficient (higher production with lower energy consumption).
- I proposed a new way of adding the bleaching for the production of sulfated alcohols, ensuring its concentration at 10% and, at the same time, I obtained compliance with the standards of residual bleaching in the final product at permissible levels (in ppm) in world class customers
- I proposed new schemes and automation of some equipment to reduce SO₂ emitted into the environment.
- I achieved successful results in 2019 with new types of raw material for the production of sulfated alcohols. By making different changes in variables according to the mass and energy balance, by applying the RSPO standard (Roundtable on Sustainable Palm Oil) and by performing feedback between operation coordinators of each shift. Reaching contracts with new leading consumer goods companies in the world, specialist in personal and home care.

Contact: Hoover Serna Restrepo (Industrial Eng.) | Surfactant Plant Director | (+57) 313 718 62 22 | hoover.serna@qbasica.com

Cenicaña

Colombia, Valle del Cauca - Florida

University Practitioner in Chemical Engineering: Centro de Investigación de la Caña de Azúcar

August 1, 2016 - January 31, 2017

Research project: Mitigation of raw material quality impact and its process on sugar color.

Contact: Juan Gabriel Rodríguez (Chemical Eng.) | Coordinator Chem. Eng. | (+57) (602) 5246611 Ext: 5101 | jgrodriguez@cenicana.org

EDUCATION

Universidad Autónoma de Occidente

Colombia, Valle del Cauca - Cali

- Lean Six Sigma Green/Black Belts
- Specialization in Energy Efficiency
- Technologies and tools for efficient energy management

October, 2025

September, 2021

June, 2018

Comfandi

Colombia, Valle del Cauca - Cali

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

May, 2025

May, 2025

ICONTEC (Instituto Colombiano de Normas Técnicas y Certificación)

Colombia, Cundinamarca - Bogotá D.C.

- Energy Management System Internal Auditor ISO 50001:2019

May, 2021

SGS S.A. (Société Générale de Surveillance)

Colombia, Cundinamarca - Bogotá D.C.

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

October, 2020

Universidad del Valle

Colombia, Valle del Cauca - Cali

- Chemical Engineering

December, 2017

Degree project: "Separation of unburned carbon of the ashes from boiler bottom using a flotation column with variable bias".

- Professional electives: Industrial internship in chemical industries, Sucrochemistry, Safety in process plants

2016

Instrumentation tools for Chemical Engineering, Fuel characterization

2015

- Seminar Research in Engineering

2016

- International Course "Thermodynamics of Solutions"

2015

Servicio Nacional de Aprendizaje (SENA) - Centro Nacional de Asistencia Técnica a la Industria (ASTIN)

Colombia, Valle del Cauca – Cali

- Work at height safety coordinator
- Virtual short courses: Quality management system foundation - ISO 9001:2015
- Technician in analysis of chemical samples

October, 2021

August, 2017

December, 2011

Degree project: "Analysis of water samples for human consumption and their coextruded flexible packaging"

Institución Educativa Técnico Industrial Pedro Antonio Molina (IETIPAM)

Colombia, Valle del Cauca - Cali

Industrial technical bachelor

November, 2011