

LARBI GHETTAS

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Professional Summary

I hold a master's degree in industrial safety engineering, which I obtained from the University of Oran in Oran, Algeria in 2015. Upon graduation, I embarked on my professional journey as a Production Engineer for a leading pasta manufacturer in Blida, Algeria. My dedication and expertise led me to an Engineering Process position at Sosemie, where I served until 2018.

In pursuit of new opportunities and experiences, I relocated to Buffalo, NY in September 2018. Currently, I am employed as a Chemical Operator at CALDERYS, contributing to the company's success with my skills and knowledge.

In addition to my professional commitments, I am furthering my education at the University of Buffalo, where I am pursuing a master's degree in Clean Energy. This endeavor reflects my commitment to lifelong learning and my passion for sustainable energy solutions.

Skills

- Hazardous chemicals
- Lean manufacturing
- Team building
- Lead development
- Troubleshooting specialist
- Chemical processing
- Lean manufacturing processes
- Production planning
- Certified Forklift Operator
- Creative problem solving
- Chemical engineering
- MS Office
- system Integration Concepts
- Data Analytics
- Project Management
- Energy Conservation Techniques
- Research Experimentation
- Complex calculations
- Electric Engineering
- MATLAB, C++
- LEADERSHIP
- TEAMWORK
- COMMUNICATION SKILLS
- TIME MANAGEMENT and PROBLEM SOLVING SKILLS
- 5S
- HACCP
- RISQ ANALYSIS
- Process safety management
- Multi-Task Management
- Problem resolution

Education

Engineering Science (Clean Energy) MS - Master of Science - 2024

University at Buffalo - Buffalo, NY

Technological Hazards Management - Master of Science - 2015

Université Oran 1 Es-Senia - Es Senia, Oran Province

Industrial Instrumentation Maintenance - Bachelor of Science - 2013

Université Oran 1 Es-Senia - Es Senia, Oran Province

Work History

Chemical Operator - November, 2019 to Present

Calderys - *Niagara Falls, NY*

- Operates equipment according to product specifications and ensuring
- accuracy in weights and codes. Adjusts machines as required.
- Maintains proper documentation of downtime and REPAIRS.
- Performs minor repairs and routine maintenance work on equipment.
- Continually checks the quality of the product, packaging, and case printing according to standard operating procedures and policies.
- Inspects and conducts regular deep cleaning of equipment after each product change.
- Followed safety procedures and protocols when transporting hazardous chemicals and operating heavy machinery to avoid accidents.
- Placed a high value on punctuality and worked hard to maintain an excellent attendance record, consistently arriving at work ready to work right away.

Production Operator - September, 2019 to November, 2019

CertainTeed - *Buffalo, NY*

- Responsible for ensuring the safety, quality, housekeeping, 5S and KOI performance for the assigned line or area as directed by the Production Shift Leader.
- Perform start-up and set-up duties, ensuring lines are ready for production. • Perform color and product changes according to plant procedures.
- Ensure all hoppers are filled with correct material and that lines are set up for efficient production.
- Perform all quality tests per required frequency and adheres to the Jackson plant VSI standards.
- Perform adjustments to extrusion equipment and tooling to maintain quality specifications, clean and assemble tooling as needed.

Production Engineer - September, 2016 to September, 2018

Sosemi - *Beni Merad, Blida Province*

- Used [Software] to create budget and expense reports for the [Timeframe].
- Conducted a root cause analysis and took corrective action.
- Inspected all machines and equipment and made any repairs that were required.
- Identified the specific cables, connectors, fuses, circuit breakers, and other electrical devices needed for monitoring and weapons detection system installation.
- Engineering documentation, such as manufacturing processes, equipment specifications, and change notices, was created by me.
- Initiated a knowledge study of project management and, as a result, standardized project management practices.
- Successfully collaborated with cross-functional development teams to design and manufacture new products.
- Identified risk mitigation actions in the production environment to reduce injuries, accidents, and hazards.
- All machines and equipment were inspected, and necessary repairs were made.

Internship Student - May, 2015 to June, 2015

SPA SFCPA (Jumbo) - *Es Sénia, Wilaya d'Oran*

- Participated in hands-on training for industrial risk assessment.
- Worked with SFCPA in the production of bouillon cubes from receipt to delivery, and in the implementation of the HACCP system and risk analysis.
- Master's thesis, "Evaluation Des Risques Industriels" was based on my work with SFCPA <<JUMBO>>.
- Had an excellent attendance record and was always on time for work.

Internship Student - March, 2013 to August, 2013

SHARIKAT KAHRABA EL DJAZAIR SPE epe spa - *Skikda, Skikda Province*

- Participated in training relating to instrumentation calibration and automation control.
- monitor the operation of the gas turbine and other boiler room equipment. This includes keeping an eye on gas and fuel oil levels, cooling tower operation, natural gas, liquid oxygen tanks, and associated alarm panels.
- Regular maintenance, cleaning, and repairs are crucial for the smooth operation of the power plant. This might involve turning off generators or turbines for regular maintenance, replacing broken generator parts, and performing necessary repairs.
- Logging information from meters and gauges is another important task. This could include logging details like diesel fuel levels.
- Preparing boilers and other equipment for state and insurance inspections is also part of the job