

Araceli Entler

Process Engineer

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📍 1250 Pram Place, Annapolis,
MD 21403

Education

B.S. in Chemical Engineering at Rensselaer Polytechnic Institute, Troy, NY

Sep 2011 - May 2016

Operating a lab, writing code for process simulations, developing experiments to test new processes or products.

Links

[linkedin.com/in/aracelientler](https://www.linkedin.com/in/aracelientler)

Skills

Experience with offshore platforms and FPSOs

Extensive experience in Process Hazard Analysis (PHA)

Proficient in HYSIS, P&ID software programs

Strong understanding of fluid flow dynamics and hydraulics principles

In-depth knowledge of safety standards such as API RP 500/505

Ability to develop simulation models using Aspen Hysys

Languages

English

Indonesian

Profile

Skilled Process Engineer with 4+ years of experience in chemical engineering and operations management. Proven success in reducing manufacturing costs while improving safety and quality control measures. Expertise in process improvement, root cause analysis, and equipment troubleshooting. Track record of successful project implementation from start to finish. Committed to continuous process improvements that drive business results.

Employment History

Process engineer at Exxon Mobil (TX)

May 2022 - Present

My accomplishments include:

- Increasing yields by 10% through process improvements on the wet etch line.
- Developing an improved recipe for wafer cleaning which reduced cycle time by 30%.
- Optimizing tool utilization and improving maintenance protocols which increased available uptime by 15%.
- Creating a statistical model to monitor critical process parameters in real-time.
- Partnering with suppliers to implement new materials/equipment that reduced costs by 20%.

Chemical process engineer at Shell Oil Company (TX)

Aug 2016 - Mar 2022

- Development of a new process for manufacturing Widget A that increased yield by 5%, decreased production time by 10%, and reduced cost by 20%.
- Implementation of lean manufacturing principles in the assembly line for Widget B, resulting in a 15% reduction in cycle time.
- Identification and resolution of quality issues with Widget C, leading to a decrease in customer complaints from 2 per week to 1 every 2 weeks.
- Increase productivity on the packaging line for Widget D through reorganization and implementation of better workflows; saw an increase of 8% in overall output.
- Elimination of two steps in the production process for Widget E, which streamlined the operation and resulted in a 10% increase in efficiency.

Certificates

Certified Six Sigma Black Belt (CSSBB), Accenture

Aug 2020 - Nov 2020

Project Management Professional (PMP) certification, Project Management Institute

Jun 2017 - Oct 2017

Reliability Engineering Certification, Reliability College