




Yuriria Rosencrantz

Plant Engineer

Plant Engineer with 5 years of experience in optimizing plant operations, streamlining processes, and implementing cost-effective solutions. Adept at managing cross-functional teams, troubleshooting equipment, and ensuring compliance with safety and environmental regulations. Demonstrated success in driving continuous improvement initiatives to enhance plant efficiency, productivity, and overall performance. Skilled in project management, preventive maintenance, and root cause analysis.

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123 Aurora Lane, Anchorage, AK 
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Education

**Bachelor of Science in
Mechanical Engineering at
University of Alaska
Anchorage, AK**

Aug 2013 - May 2018

Relevant Coursework:
Thermodynamics, Fluid
Mechanics, Heat Transfer,
Mechanics of Materials,
Machine Design, Mechanical
Vibrations, Control Systems,
Engineering Materials,
Manufacturing Processes, CAD
and Engineering Analysis, and
Senior Design Project.

Links

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

Skills

AutoCAD proficiency

Programmable Logic
Controllers (PLC)

Computerized Maintenance
Management System (CMMS)

Lean Manufacturing principles

Six Sigma methodologies

Energy Management Systems
(EMS)

Employment History

Plant Engineer at Arctic Slope Regional Corporation, AK

May 2023 - Present

- Successfully implemented a plant optimization project that increased overall efficiency by 15% and reduced annual operating costs by \$2 million, through the installation of advanced automation systems and process improvements.
- Led the design and execution of a \$5 million facility expansion, ensuring timely completion within budget and resulting in a 20% increase in production capacity to meet growing customer demands.
- Developed and executed a comprehensive preventive maintenance program, reducing equipment downtime by 30% and saving the company over \$1 million in repair costs annually.

Assistant Plant Engineer at Doyon Utilities, AK

Jul 2018 - Mar 2023

- Implemented a new preventive maintenance program for plant equipment, resulting in a 25% reduction in unscheduled downtime and a 15% increase in overall equipment efficiency.
- Successfully managed a \$2 million budget for plant upgrades and expansions, completing the project on time and 10% under budget, while achieving a 20% increase in production capacity.
- Led a cross-functional team to troubleshoot and resolve a critical issue with the plant's control system, reducing system failures by 50% and increasing overall plant reliability by 30%.
- Developed and implemented a comprehensive safety training program for plant employees, leading to a 40% reduction in workplace accidents and injuries over a two-year period.

Certificates

Certified Plant Engineer (CPE)

Oct 2021

ISA Certified Automation Professional (CAP)

Jan 2020

Memberships