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Richland, MO

EDUCATION

Bachelor of Science in Chemical Engineering

University of Missouri - Columbia, United States, MO

2013 - 2017

Certified Chemical Engineer

National Association of Chemical Engineers, issued: July 2020

OSHA 30-Hour Safety Certification

U.S. Department of Labor, Issued: January 2019

SKILLS

- Process Optimization
- Project Management
- Safety Compliance
- Data Analysis and Reporting
- Equipment Maintenance
- Process Control Systems
- Team Leadership

NORMA HELD

CHEMICAL PLANT ENGINEER

PROFESSIONAL SUMMARY

Results-driven Chemical Plant Engineer with over 7 years of experience in optimizing processes and enhancing operations. Proven track record in leading successful process improvements and infrastructure upgrades. Expertise in implementing safety protocols, managing large-scale projects, and conducting in-depth data analysis to boost production efficiency and reduce costs.

EXPERIENCE

- June 2020 - Now

Chemical Plant Engineer

Dow Chemical / United States, St. Louis, MO

- Spearhead a team in the redesign and optimization of a critical chemical production process.
- Develop and enforce new safety protocols, ensuring stringent compliance with OSHA regulations.
- Manage a million plant infrastructure upgrade project, including equipment procurement, installation, and testing.
- Conduct comprehensive audits and troubleshooting of plant systems, proactively addressing issues to minimize downtime.

- August 2017 - May 2020

Junior Chemical Plant Engineer

BASF / United States, Jefferson City, MO

- Contributed to the development and implementation of process improvements, achieving a 12% increase in production output.
- Collaborated with cross-functional teams to design and integrate process control systems, improving the accuracy and reliability of chemical processes.
- Conducted data analysis and prepared reports to monitor plant performance, identifying key areas for improvement and recommending effective solutions.
- Assisted senior engineers in managing daily plant operations, including overseeing maintenance activities and ensuring adherence to quality standards.