

Piotr Rice

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SUMMARY

Dedicated Chemical Engineer with over two years of hands-on experience in quality assurance and chemical analysis. Skilled at reviewing chemical specifications, coordinating systems' configurations to meet specific requirements, and efficiently troubleshooting identified issues. Known for collaborating effectively across teams, ensuring projects are delivered on time while upholding safety and operational standards. Proficient in implementing various chemical analytical techniques to support compliance and quality assessment initiatives. Passionate about leveraging expertise to contribute towards continuous improvement and innovate solutions within the chemical engineering field.

EXPERIENCE

Quality Chemical Engineer

March 2024 - Present

Innovative Chemical Solutions

Newark, NJ

Role encompasses process verification, system configuration, and documentation review for compliance with best practices. The position focuses on ensuring product quality while maintaining a safety-driven culture.

- Authored and reviewed chemical specification documentation, enhancing compliance with industry standards.
- Coordinated system configurations, ensuring alignment with precise chemistry requirements and improving operational workflows.
- Independently troubleshooted systems, leading to project milestones being met promptly without compromising quality.
- Developed deviation reports where necessary, facilitating corrective actions that drove improvements.
- Executed chemical mixing following established protocols, demonstrating precision and attention to detail.
- Created a safe working environment in both mixing and working areas through diligent housekeeping practices.

Junior Chemical Engineer

June 2022 - February 2024

Chemical Innovations Corp.

Jersey City, NJ

Position centered around supporting senior engineers during qualification processes, conducting data reviews, and enhancing safety protocols to ensure consistency in production quality.

- Supported product qualification activities, ensuring adherence to strict processes and eliminating inconsistencies.
- Performed detailed data reviews and corrections, contributing to higher fidelity in the systems database.
- Collaborated directly with team members to enhance troubleshooting methods for complex engineering diagrams.
- Interpretation of SDS/MSDS documents led to improved safety measures and staff compliance during chemical handling.
- Managed multiple projects simultaneously, showcasing exceptional organizational capabilities.
- Actively participated in training focused on advanced chemical analytical techniques, fostering professional growth.

LEADERSHIP & AWARDS

- Certified Chemical Engineer (CCE) received in 2023
- Graduated with honors from New Jersey Institute of Technology in 2022

EDUCATION

Bachelor's Degree in Chemical Engineering

2022

New Jersey Institute of Technology GPA: 3.7

Newark, NJ

Coursework: Chemical Analysis, Quality Control, Materials Science, Thermodynamics

CERTIFICATIONS

- Certified Chemical Engineer (CCE) 📅 2023
- Hazardous Materials Management Certification 📅 2023

TECHNICAL SKILLS

- **Analytical Instruments:** HPLC, ICP, Voltammetry, Titration
- **Software Tools:** Python, MATLAB, AutoCAD
- **Safety Standards:** OSHA, EPA Regulations, MSDS Guidelines
- **Documentation Systems:** LIMS, Document Control Software, Electronic Lab Notebooks
- **Chemical Handling Techniques:** PPE Usage, Process Safety Management, Waste Disposal Methods
- **Quality Management:** ISO 9001, Six Sigma, CAPA Processes
- **Collaboration Platforms:** Microsoft Teams, Slack, Zoom
- **Project Management Tools:** Trello, Asana, SmartSheet

- **Database Systems:** SQL, Oracle, MS Access
- **Technical Research:** Literature Review, Technical Writing, Experiment Design

SKILLS

- Chemical Analysis
- Quality Assurance
- Project Coordination
- Problem Solving
- Troubleshooting
- SDS/MSDS Interpretation
- Operational Efficiency
- Regulatory Standards
- Data Validation
- Process Review
- Analytical Techniques
- Safety Protocols
- Chemical Mixing
- Documentation Compliance
- Team Collaboration
- Metrology Techniques

PROFESSIONAL AFFILIATIONS

- American Institute of Chemical Engineers (AIChE) Member
- Society of Women Engineers (SWE) Supporter

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST