

# PIOTR RICE

## QUALITY CHEMICAL ENGINEER

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### STRENGTHS

- Strong Problem Solver**  
Consistently solve complex problems by analyzing technical specs before implementation, showcasing proactive abilities.
- Effective Collaborator**  
Work seamlessly with technical teams, bridging communication gaps to achieve successful project outcomes.
- Detail-Oriented Approach**  
Review each specification meticulously, which enhances compliance and prevents costly errors down the line.
- Safety-Focused Mindset**  
Prioritize worker safety by interpreting important safety documents, leading initiatives for a secure work environment.
- Adaptable Multitasker**  
Handle various project demands effortlessly, balancing timely delivery with quality assurance under tight schedules.

### SKILLS

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

### 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

Innovative Chemical Solutions | March 2024 - Present | 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

Chemical Innovations Corp. | June 2022 - February 2024 | 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

Regulatory Standards

Safety Protocols

Metrology Techniques

## LANGUAGES

English Native

Spanish Intermediate

## MY CAREER



● Quality Chemical Engineer at Innovative Chemical Solutions (2.3 Years)

● Junior Chemical Engineer at Chemical Innovations Corp. (1.7 Years)

## EDUCATION

### Bachelor's Degree in Chemical Engineering

New Jersey Institute of Technology 🎓 GPA: 3.7 📅 2022 📍 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

## PROFESSIONAL AFFILIATIONS

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

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST