

Roxanne Chorey

Pipeline Engineer

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☎ (664) 823-6851

📍 1234 Seashell Drive, Wilmington, DE 19805

EDUCATION

Bachelor of Science in Civil or Mechanical Engineering at University of Delaware, Newark, DE

Aug 2014 - May 2018

Relevant Coursework: Statics, Dynamics, Mechanics of Materials, Fluid Mechanics, Thermodynamics, Heat Transfer, Structural Analysis, Reinforced Concrete Design, Steel Design, Geotechnical Engineering, Transportation Engineering, Engineering Economy, and Mechanical Systems Design.

LINKS

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

SKILLS

AutoCAD

GIS Mapping

SCADA Systems

Finite Element Analysis

HAZOP Studies

Piping Stress Analysis

API Standards

LANGUAGES

English

Mandarin

HOBBIES

PROFILE

A highly skilled Pipeline Engineer with 5 years of experience, specializing in the design, construction, and maintenance of pipeline systems. Proven expertise in developing cost-effective solutions, ensuring compliance with industry regulations, and implementing cutting-edge technologies to optimize pipeline efficiency and safety. Adept at leading cross-functional teams and collaborating with stakeholders to deliver successful projects on time and within budget. Demonstrates strong analytical and problem-solving abilities, with a commitment to continuous improvement and professional development.

EMPLOYMENT HISTORY

● Pipeline Engineer at Delaware Engineering & Pipeline Services, DE

May 2023 - Present

- Successfully designed and implemented a 50-mile long pipeline project in Delaware, resulting in a 20% increase in the company's overall pipeline capacity and a 15% reduction in transportation costs for clients.
- Led a multidisciplinary team of 25 engineers and technicians in the inspection, maintenance, and repair of over 100 miles of pipeline infrastructure, achieving a 30% reduction in downtime and a 10% improvement in overall system efficiency.
- Developed and executed a comprehensive pipeline integrity management program, resulting in a 25% decrease in incidents and a 40% reduction in maintenance costs over a two-year period.
- Coordinated the permitting and regulatory compliance process for three major pipeline expansion projects, ensuring timely approvals and enabling the company to meet critical deadlines and secure \$15 million in additional revenue.

● Associate Pipeline Engineer at Engineering & Pipeline Solutions of Delaware, DE

Jul 2018 - Apr 2023

- Successfully designed and implemented a 15-mile natural gas pipeline project in Delaware, resulting in a 20% increase in capacity and improved energy supply to over 50,000 households.
- Led a team of engineers in conducting a comprehensive integrity assessment for over 100 miles of existing pipeline infrastructure, identifying and addressing critical issues that reduced the risk of potential leaks by 30%.
- Streamlined the pipeline design process by introducing advanced modeling software, reducing design time by 25% and saving the company over \$500,000 in engineering costs annually.

CERTIFICATES

Pipeline Integrity Management Professional (PIMP)

Aug 2021

NACE Cathodic Protection Certification

Dec 2019