

Andrew Lawrence

Loveland, CO 80538

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Authorized to work in the US for any employer

Work Experience

QA/QC Technician

SIMON Construction - Fort Collins, CO

September 2023 to Present

Quality control testing on aggregates and asphalt.

Senior Engineering Technician / Assistant Lab Manager

Gestra Engineering Inc - Milwaukee, WI

June 2023 to September 2023

ASTM/AASHTO quality testing on soils, concrete, and aggregates.

QA/QC Technician

Payne & Dolan - Kenosha, WI

June 2021 to June 2023

Traveling to specific sites for sampling.

Prepping and cleaning laboratory.

WDOT specific sampling and testing of raw materials.

Documenting and solving any issues with production.

Testing was performed using Gyrotory compactors, ignition ovens/muffle furnaces, vacuum pumps/pycnometers, and sieve sets/shakers.

Chemist

EMCO Chemical Distributors - Kenosha, WI

December 2020 to June 2021

Performing routine chemical testing, notable equipment used are GC-MS, IR, UV-Vis, Colorimeter, Auto-titrators, and hydrometers

Delivery Associate

Myriad Fleet - Thornton, CO

June 2020 to November 2020

Delivery and handle amazon packages.

QA/QC Technician

Martin Marietta - Fort Collins, CO

April 2020 to June 2020

Traveling to specific sites for sampling.

Prepping and cleaning laboratory.
CDOT specific sampling and testing of raw materials.
Handling and disposal of hazardous solvents.
Documenting and solving any issues with production.

Seasonal Janitorial crew leader

YMCA of the Rockies - Estes Park, CO
June 2019 to March 2020

Responsible with maintaining lodge room and cabin cleanliness.

QA/QC Technician

Shelly Materials Inc - Findlay, OH
May 2018 to June 2019

Traveling to specific sites for sampling.
Prepping and cleaning laboratory.
ODOT specific sampling and testing of raw materials.
Handling and disposal of hazardous solvents.
Documenting and solving any issues with production.

Assistant Quality Control Manager

Blackstone Asphalt
May 2016 to September 2017

- Preparing and administering individual tests
- Ensure compliance with state regulations and EPA guidelines
- Monitor work for errors and methodology
- Prepping and cleaning laboratory
- Sample Management
- Quality testing
- Experience handling hazardous solvents

Lab Manager

University of Rio Grande - Rio Grande, OH
August 2014 to May 2016

- Maintained Lab inventory levels
 - Mixed reagents
 - Performed any necessary Dilutions
 - Helped students in performing any necessary test, i.e. GC, Titrations, pH, etc..
 - Completed preparations for course labs
 - Responsible for preparing stock solutions
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- Maintained, calibrated, and cleaned Lab Equipment
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- Maintained accurate and detailed records

Education

Bachelor's degree in Chemical Engineering

University of North Dakota - Grand Forks, ND

August 2023 to Present

Bachelor's degree in Chemistry

University of Rio Grande - Rio Grande, OH

August 2012 to May 2016

High School Diploma

Gallia Academy High School

August 2008 to May 2012

Skills

- Atomic Absorption (Less than 1 year)
- Gas Chromatography (Less than 1 year)
- Titrations (1 year)
- Chemistry
- Spectroscopy
- High-Performance Liquid Chromatography
- Python

Certifications and Licenses

Google Certification in Data Analytics

April 2023 to Present