

JOSHUA DALESSANDRO

PROFILE

Cross-Functional Problem Solving: Skilled at identifying critical-to-quality attributes and partnering with manufacturing teams to resolve issues efficiently and effectively.

Laboratory Proficiency: Experienced Laboratory Analyst with strong wet chemistry skills, supporting compliance with Nuclear Regulatory Commission (NRC) efficiency standards and maintaining rigorous safety practices.

High-Pressure Operations Background: U.S. Army Explosive Ordnance Disposal (EOD) Technician with a flawless safety record managing explosives and multimillion-dollar equipment.

Analytical & Hands-On Approach: Known for combining analytical thinking with practical execution to solve complex technical challenges across manufacturing, R&D, and quality environments.

CONTACT

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EDUCATION

Orrville High School

Graduated - 2006

- General Education Classes

Army Specialized Training

2007 - 2012

- Composite Risk Management Course
- Chemical, Biological, Radiological and Nuclear
- Hazmat Familiarization and Safety in Transportation-Disposal
- Explosive Ordnance Disposal Training

Other Specialized Training

2012 - Present

- Certified Associate in Project Management (CAPM) Based on PMBOK07
- Lean Six Sigma White Belt
- Multiple Zeiss CMM Certificates
- Intron Tensile and Compression testing
- Injection and Blow Molding Plastics
- Thermal Conductivity

Honor Societies

2024 - present

- Alpha Sigma Lambda Honor Society
- The National Society of Leadership and Success

WORK EXPERIENCE

GOJO Industries, Wooster, OH

GPM Quality Engineer I

2021–Present

- Employs advanced quality engineering practices, conducts statistical studies, provides timely and thorough analysis and research in identifying and understanding critical-to-quality attributes in the systems.
- Interacts with manufacturing team members to determine root cause of quality issues and ensures that corrective and preventive action is implemented and supports process capability analysis, Statistical Process Control (SPC) and process monitoring for continual improvement.
- Supports the continuous improvement of the business system and maintain the ISO 9000 registration
- Evaluates hardware, performs laboratory testing, inspects products, measures process performance, records data, and prepares formal reports

Wooster Products Inc., Wooster, OH

R&D/QC Manager

2019–2020

- Development of new and improvement of existing products such as extruded aluminum, cast aluminum and cast-iron treads and nosing.
- Develop and maintain Quality Assurance, Quality Control, SDS and other safety related manuals.
- Identify and advance new strategic opportunities, platforms and initiatives that enhance product portfolio and future product introductions.
- Coordinate with military, government and other agencies for product testing and inspection.
- Knowledge of OSHA and EPA rules and regulations, as well as having experience with filing regulatory reports.

Orrvilon Inc., Orrville, OH

Laboratory Analyst

2015–2019

- Performing multiple wet chemistry tests (including chemical analysis via ICP-OES).
- Responsible for proper maintenance of lab equipment, tools, and housekeeping.
- Assist in developing specialized fixtures, test equipment, and procedures for testing, while maintaining production schedule.
- Ensuring compliance with production schedules, nuclear process quality, efficiency standards per nuclear regulations, inventory, and data reporting.

- Responsible for maintaining adequate supply of departmental shop supplies/ materials, and assuring proper maintenance of equipment, tools, and housekeeping.

Panhandle Oilfield Services, Wooster, OH
Inspection Lead

2014-2015

- Provide direction and leadership to the departmental team to achieve high quality, productivity, and safety standards.
- Cleaning and checking parts before further processing.
- Gathering discrete critical measurements with profile gauge to ensure accurate drill depth is reached.
- Preventing and containing all spills ensuring the overall safety of site.

Bekaert, Orrville, OH
Tandem Mill Operator

2012-2014

- Conduct tensile tests and visual defect inspections of products to evaluate quality.
- Observed gauges, dials, or other indicators to make sure the machine is working properly.
- Observed multiple indicators of system performance and identified the actions needed to improve or correct performance and quality.

United States Army, Ft. Carson, CO
Explosive Ordnance Disposal (EOD) Technician

2007-2012

- Determine the location, identification, rendering safe, removal, and destruction of explosive ordnance.
- Examine blast areas to determine amounts and types of explosive charges needed, place and detonate explosives to demolish structures or to loosen, remove, or displace earth, rock, or other materials safely resulting in zero property damage or loss of life.
- Compile and maintain weapons and explosives records in compliance with local and federal laws resulting in zero loss of million-dollar equipment.

REFERENCES

Michael Kennard

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Andrew Christner

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