

MIA TAYLOR

Validation Engineer

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PROFESSIONAL SUMMARY

Dedicated Validation Engineer with 2 years of experience in ensuring compliance and quality assurance in regulated environments. Proficient in developing and executing validation protocols, including IQ, OQ, and PQ, to ensure operational excellence. Passionate about driving continuous improvement and delivering validated systems that meet stringent regulatory standards.

WORK EXPERIENCE

Validation Engineer

May / 2024-Ongoing

Quantum Solutions LLC

₽ Phoenix, AZ

- 1. Develop and execute validation protocols for software and hardware systems.
- 2. Provided engineering support to enhance the performance of existing water purification systems.
- 3. Developed Standard Operating Procedures (SOPs) and Preventative Maintenance (PM) programs for purification systems.
- 4. Authored and reviewed various validation documents including URS, FRS, IQ, OQ, and PQ protocols.
- 5. Executed Computer System Validation on OnBase Software and Building Automation Systems.
- 6. Qualified walk-in refrigerators and freezers, ensuring compliance with industry standards.
- 7. Documented deviations to validation protocols, ensuring thorough review by the Validation Committee.

Validation Engineer

May / 2023-May / 2024

Cactus Creek Solutions

耳 Phoenix, AZ

- 1. Designed and implemented full validation processes and Equipment Qualifications (IQ/OQ/PQ) for critical manufacturing equipment.
- 2. Authored and executed PPV for pad printing processes transferred to external vendors.
- 3. Collaborated with design engineers and quality teams to secure approvals for validation processes.
- 4. Developed and executed validation processes for ultrasonic welders used in heart valve production.
- 5. Conducted Tooling & Fixture IQs for new welding nests, ensuring compliance with specifications.
- 6. Analyzed statistical data from PQs to ensure compliance with operational standards.

EDUCATION

Bachelor of Science in Engineering

May / 2022

May / 2023

University of Engineering

▼ Toronto, ON

Focused on validation processes and regulatory compliance in engineering.

SKILLS

Validation Methodologies

Problem Solving

Systematic Testing

Validation Plans

Test Case Design

Performance Testing

INTERESTS

🚥 Gamina



Film

Technology

STRENGTHS

44 Fairness



Forward-thinking



LANGUAGES







English

Italian

Russian

ACHIEVEMENTS

- Successfully validated critical water purification systems, ensuring 100% compliance with FDA regulations.
- Streamlined validation processes. reducing project timelines by 20% through efficient protocol design.
- Developed and implemented comprehensive validation documentation, enhancing clarity and compliance.