



MICHAEL ANDERSON

QUALITY ASSURANCE MANAGER

PROFILE

Highly analytical Nanotechnology Quality Assurance Manager with extensive experience in the semiconductor industry. Expertise encompasses the establishment and enhancement of quality systems tailored to the unique challenges of nanotechnology manufacturing. Demonstrated capability to implement quality assurance frameworks that ensure product reliability and safety, aligning with industry standards and customer expectations.

EXPERIENCE

QUALITY ASSURANCE MANAGER

NanoSemiconductor Corp

2016 - Present

- Orchestrated quality control measures for semiconductor products at the nanoscale.
- Directed comprehensive audits to ensure compliance with industry regulations.
- Implemented risk management strategies to mitigate quality-related issues.
- Utilized data analytics to drive decision-making for quality improvements.
- Led training programs for quality assurance best practices.
- Established key performance indicators to monitor quality metrics.

QUALITY ASSURANCE ENGINEER

MicroNanosystems

2014 - 2016

- Developed test protocols for nanotechnology applications in microelectronics.
- Conducted failure mode and effects analysis (FMEA) on new products.
- Collaborated with production teams to streamline quality processes.
- Maintained detailed records of quality assurance activities for audits.
- Implemented corrective actions based on analysis of customer feedback.
- Participated in cross-departmental teams to enhance product quality.

CONTACT

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SKILLS

- Quality Assurance
- Semiconductor Manufacturing
- Risk Management
- Data Analysis
- Compliance Auditing
- Team Development

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN MATERIALS
SCIENCE AND ENGINEERING,
MASSACHUSETTS INSTITUTE OF
TECHNOLOGY

ACHIEVEMENTS

- Implemented a quality management system that reduced defects by 25%.
- Received the Excellence in Quality Award for outstanding performance.
- Authored a white paper on quality assurance in nanotechnology applications.