



Bellevue, WA - USA

Senior Engineer of Quality Assurance

NEXT Biometrics manufactures fingerprint sensor modules based on the patented *NEXT Active Thermal™* principle. Its sensors are used in a wide scale of solutions and by many manufacturers, including 1st tier manufacturers like Dell and Fujitsu.

NEXT Biometrics is looking for a **Senior Engineer of Quality Assurance** to develop, implement products that consistently meet the expectations of our customers, and will ensure that the company's products continue to be the industry benchmark for quality and performance. The Sr. Quality Engineer will manage the Quality System certification process (AS 9100 and ISO 9001) and ensure continued compliance to those Quality System Standards. The ideal candidate will have a background in semiconductor and IC design; understands the definition, design, verification and silicon validation of some type of IC, display product or related field.

The NEXT team researches and develops vertically integrated electronics products that include HW, FW, and SW components, so the candidate must be familiar with all aspects of product design and verification. Should have a proven track record in being a lead participant in the quality management and measurement systems (QMS), with parallel ability to characterize and qualify new products. Experience with contract manufacturing, supplier management, new product introduction or yield improvement highly preferred.

NEXT Biometrics is a supplier of full size, low cost fingerprint sensors today for notebooks, secure access control (data or physical), and financial transaction smart cards.

Responsibilities

- Drive effectiveness of our Quality policy by promoting continuous quality improvement, i.e., process evaluations and improvements that result in achievement of our business objectives.
- Creating and documenting new business procedures/processes
- Work with engineering and production teams to release new products and software/firmware
- Ensure the Integrity of Document and Data Control; and Specifications and Standards (internal and external) Libraries throughout the company.
- Review customer complaints and drive RCCA's
- Perform trend analysis on returned goods, warranty repairs, complaints, manufacturing, inspection, receiving inspection and vendor quality
- Manage the corrective and preventative action system.
- Lead teams of engineers
- Plan and implement innovative quality monitoring processes; develop and maintain metrics to ensure fabricated parts and finished products shipped meet high standards and are the best in the industry.
- Ensure applicable quality/calibration standards and mil specs are met

Qualifications and Experiences

Essentials:

- Bachelor's degree in science or engineering required (in EE preferred)
- 3-7 years of experience in Quality Assurance in a high-technology industry with equivalent experience yield or reliability engineering
- SPC process control



- 2 years of experience with interfacing production processes (Test and measurement preferred)
- Proven ability to achieve results and improve quality systems.
- Effective interpersonal skills
- Excellent presentation and communication skills; verbal and written.
- Proficiency with BOM/ERP/MRP systems and Microsoft Office® programs.
- Ability to travel 25-35% of the time

Nice-to-have:

- Experience with developing and managing AS9100 ISO 9001 process and audits.
- Strong leadership and management skills, willing to lead by example.
- Relevant industry certifications and memberships are desirable.
- Experience with failure analysis, organized problem solving (LEAN, 8-D, Prateo etc.)
- 3-5 years of Supervisory experience (International exposure especially)
- Ability to speak English and Mandarin

Apply at:

[NEXT Biometrics Senior Quality Engineer](#)

NEXT Biometrics is committed to the principle of equal employment opportunity for all employees and to providing employees with a work environment free of discrimination and harassment. All employment decisions at NEXT are based on business needs, job requirements and individual qualifications, without regard to race, color, religion or belief, national, social or ethnic origin, sex (including pregnancy), age, physical, mental or sensory disability, HIV status, sexual orientation, gender identity and/or expression, marital, civil union or domestic partnership status, past or present military service, family medical history or genetic information, family or parental status, or any other status protected by the laws or regulations in the locations where we operate. NEXT will not tolerate discrimination or harassment based on any of these characteristics. NEXT encourages applicants of all ages.