Quality Control Technician – Electronics Manufacturing

Ainstein AI

Lenexa, KS
$50,000–70,000
Onsite

Ainstein AI is the global leader in commercial radar technology for aerospace, sports, and specialty vehicles. We're at the forefront of innovation, driving the future of aerospace radar altimeter technology. Join us to make an impact and be part of a dynamic team transforming the industry.

Ainstein is seeking a hands-on **Quality Control Technician** to support quality assurance throughout the manufacturing process. This role is responsible for performing incoming, in-process, and final inspections of electronic products, identifying quality issues, maintaining inspection records, and supporting continuous improvement initiatives. The ideal candidate has experience in electronics manufacturing and is passionate about delivering high-quality products.

Key Responsibilities:

- Perform incoming (IQC), in-process (IPQC), and outgoing (OQC) inspections to verify products meet specifications and quality standards.
- Inspect electronic components, PCB assemblies, finished products, and production processes using appropriate inspection and test equipment.
- Evaluate products and returned units to determine whether failures are caused by manufacturing defects, shipping damage, misuse, or other non-quality-related issues. Document inspection findings and support warranty and return disposition decisions.
- Identify, document, and report nonconforming materials or products, and work with engineering and manufacturing teams to support root cause analysis and corrective actions.
- Maintain accurate inspection records and quality documentation.
- Support CAPA, internal audits, and continuous improvement initiatives.
- Verify calibration status of inspection and test equipment.
- Assist with supplier quality evaluations and incoming material inspections as needed.

Qualifications

- High school diploma or GED.
- At least 1 year of experience in manufacturing quality, QA/QC inspection, or electronics manufacturing.
- Basic understanding of electronic products and components, including PCB assemblies, SMT components, ICs, connectors, sensors, and RF modules.
- Ability to read engineering drawings, specifications, BOMs, and work instructions.

- Experience performing incoming (IQC), in-process (IPQC), and/or outgoing (OQC) inspections.
- Experience evaluating product defects, failure modes, or warranty returns and documenting inspection findings
- Proficient in using common inspection tools and basic electronic test equipment.
- Strong attention to detail with the ability to accurately document inspection results and maintain quality records.
- Basic computer skills, including Microsoft Office.

Desired

- Associate degree or technical/vocational training in Electronics, Manufacturing, Mechatronics, Industrial Technology, or a related field.
- Experience in automotive electronics, PCB assembly, sensors, radar products, ECUs, RF modules, or similar electronic manufacturing.
- Familiarity with ISO 9001 and/or IATF 16949 quality management systems.
- Knowledge of Electronic Assemblies, Soldered Electrical and Electronic Assemblies, and ESD standards.
- Experience with quality tools and methodologies, including Control Plans, PFMEA, CAPA, 8D, and 5 Why root cause analysis.
- Experience using ERP, MES, or QMS systems.
- (Removed as this is a requirement for the test engineer).
- Demonstrated problem-solving skills, strong communication, and the ability to work effectively in a fast-paced manufacturing environment.

Benefits

- 401(k)
- Medical Insurance (Health, Dental, Vision)
- Accrued PTO
- Casual Atmosphere

Ainstein AI is proud to be an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, gender identity or expression, sexual orientation, national origin, age, disability, veteran status, or any other characteristic protected by applicable federal, state, or local law.