

Zodiac is a leading global manufacturer of pool and spa products. Applying our rich heritage of innovation excellence to product engineering, we develop some of the world's leading solutions for the most technologically-advanced, energy-efficient, and clean swimming pools and spas. Through our best-in-class products, Zodiac is the provider of choice for millions of people worldwide and is an industry leader in pool automation and web-enabling our pool products.

Zodiac is headquartered in Vista, CA, which is also home to its largest manufacturing plant and distribution facility. The business's other facilities are in Salt Lake City, Utah (Cover-Pools®), Orlando, Florida and Ontario, Canada.

Be part of the team that's vision is to exist to create the perfect pool experience by designing innovative solutions that increase comfort, enjoyment and peace of mind.

SUMMARY

We currently have a full time opening for an **Electronics Quality Engineer** in our Vista, California headquarters.

The Electronics Quality Engineer (EQE) is responsible for the overall Quality of Zodiac electrical products. Will work with both Zodiac Electronics Engineering as well as Electronics Suppliers to continuously improve performance through driving and facilitating problem solving, implementing process controls, promoting risk mitigation, and developing quality assurance plans. The EQE uses data to improve performance of key components and suppliers and identify continual improvement opportunities.

This position requires communication and leadership skills that would enable the EQE to drive major Quality improvement projects with cross-functional Teams not only with Suppliers but also including Zodiac personnel from Manufacturing, Engineering, and Supply Chain as well.

At Zodiac, we demonstrate our work by modeling our 6 Core Values: Lean Thinking, Team Work, User-Driven & Customer Focus, Passion for Results, Honesty & Trust and Innovation & Pursuit of Excellence and we welcome all who share those values to apply.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Drive Quality initiatives at assigned Electronics Suppliers, improving Quality performance through Effective Problem Solving and other Zodiac Quality tools and concepts.
- Develop positive relationships and work closely with Zodiac Sourcing Leaders to manage and implement Supplier/Engineering changes, New Product Introductions, and Product Transfers.
- Develop / Improve Measurement Systems at Suppliers (MSA).
- Evaluate Supplier Production Part Approval Process and First Article reports / submissions.
- Ownership of Supplier Quality Scorecard including key metrics, such as first pass yield, PPM defect rate, Supplier Quality plan engagement/effectiveness, and Corrective & Preventative Action dates to closure.
- Conduct Process and Systems Audits of key Suppliers ensuring Supplier compliance, and development of improvement plans where deficiencies are documented.
- Perform Source Inspection of critical components to print / standard requirements at Suppliers.

- Provide advanced Quality Engineering support during new process introduction at Electronics using APQP methodology or similar NPI/NPD models.
- Provide technical expertise to Customers / Suppliers in solving technical problems.

EDUCATION, SKILLS AND EXPERIENCE

- Bachelor's Degree in Electronics or Electrical Engineering.
- Minimum of 5 years experience working in a Manufacturing, Quality, or Sourcing environment.
- ASQ Certified Quality Auditor or Engineer.
- Experience as Lead Auditor working with Supplier Quality Standards and Process Audits.
- Experience with 8D (RCCA) and/or AIAG CQI-20 Effective Problem Solving models.
- Experience using AIAG tools and concepts (Control Plan, PFMEA, MSA, Layered Process Audits, etc.).
- Experience with the following components and systems:
 - Micro-controllers (preferably ARM, AVR, 8051 and PIC microprocessors)
 - Sensors and transducers (temperature, pressure, etc.)
 - Keypads (membrane, discrete, matrices, etc.)
 - Analog-to-digital conversion
 - Displays (LED, LCD, VFD, 7-segment, alphanumeric, graphical)
 - Peripheral drivers (indicators, relays, triacs, etc.)
 - Power supplies and batteries
- Experience in the manufacture of electronic assemblies and their application to consumer products.
- Familiarity with requirements of safety agencies (UL, CSA, CE, etc.).
- Ability to use sophisticated electronic test equipment.
- Experience with Firmware (Hardware/Software) qualification plans for mass production.
- Proficient in Microsoft Office products, specifically Excel and PowerPoint.
- Read, write and communicate fluently and clearly in English.

If you meet the requirements above and would like to apply for this position, please visit <http://www.zodiac.com/en/united-states/company/careers>

Zodiac Pools is an Equal Employment Opportunity Employer and dedicated to a diverse work force. EOE/Minorities/Females/Vet/Disabled are encouraged to apply.