Job Title: Assembly Process Engineer

Enovix is hiring a broad range and large number of positions to bring up and support its new 50,000 ft² Li-ion battery production facility in Fremont, California.

Job Summary:

Enovix is seeking process engineers for the development and scale up of a battery line in Fremont, CA. The assembly process engineer will be responsible for the process and equipment for the definition of the electrode through the construction of the packaged cell.

Responsibilities:

- Define manufacturing processes for the assembly of lithium ion batteries using Enovix patented technology.
- Use stage gate process to develop, characterize, and implement processes for scale up
- Support the equipment engineering team in the design, equipment selection, and qualification of customized equipment for high volume manufacturing
- Define and develop novel methods for the patterning and assembly of state of the art electrode material
- Work closely with R&D team for materials selection of next generation battery materials and assembly processes.
- Transfer existing R&D processes from lab scale to high-volume manufacturing with high process capability
- Interact with customers to define process roadmap based on next generation cell requirements
- Drive cell yield improvements through DOE, SPC
- Create and maintain SOPs and work instructions.
- Use stage gate process to develop, characterize, and lock processes for scale up
- Lead troubleshooting efforts to understand and mitigate process and quality excursions in a high volume, fast paced environment

Skills & Qualifications:

- Bachelor’s degree in materials science, chemical engineering, physics, chemistry or related discipline required (master's degree preferred).
- Experience in the design, development, manufacturing and qualification of Li-ion batteries.
- Experience interacting with customers and suppliers strongly preferred
- Proven track-record of solving problems in the scale-up of R&D processes to high-volume manufacturing.
- Experience with SPC, DOE, FMEA, 8D methodologies required

About Enovix:

Enovix has developed a patented 3D lithium-ion battery architecture with 50-100% more energy than conventional cells. Our product has been tested and validated by industry giants in the mobile electronics and EV markets. In 2020 we are building our first automated battery production line in Fremont, California to supply these customers. We are backed by over $200m in strategic investment from Tier 1 customers and industrial partners such as Intel, Qualcomm, and Cypress. We’ve been awarded over 70 patents on our proprietary technology that give us a long term advantage in the battery space.

Come join our dynamic team to revolutionize the battery industry and the devices they power!