

# Process Engineer II

Job Reference: PE  
Posted: November 2020

Location: Carlsbad, CA  
Weekly Hours: 40

## The Role

DNA Electronics (DNAe) is a dynamic company integrating cutting edge sequencing technologies with novel biochemical techniques to create a revolutionary sample-to-answer sequencing platform. We are seeking a strong individual to contribute to the DNAe team. The right candidate will be self-starting, detail-oriented, and able to work as part of a multi-disciplinary team.

## Responsibilities:

- Complete assigned tasks through planning/executing experiments, sufficiently document work performed, generate data, calculate, and analyse results.
- Provide reagent support by formulating requested reagents and evaluate technologies that identify and quantify reagent specifications
- Work closely with the technical teams to evaluate new formulations, modify existing off the shelf and in-house reagents, and help identify material specifications.
- Drive the risk assessments of reagents through cross-functional FMEAs. Mitigate risk by providing alternative reagent formulations.
- Fundamentally understand processes for product related reagents and recommend improvements.
- Responsible for performance qualification of manufacturing processes.
- Present results to the relevant teams, provide requested information to management, and organize materials such as electronic files, data, forms, etc. that streamlines sharing content.
- Create and edit work instructions, material specifications documents, and SOPs that incorporates GLP/GMP practices.
- Remain compliant to instituted safety procedures such as proper materials handling, storage, transport, and disposal.
- Offer engineering improvements to existing equipment and processes that increase capacity, flexibility and maintain reagent conformity.
- Interact with outside vendors as appropriate for new equipment / capital purchases or other supplier engineering issues.
- Review manufacturing performance monthly and addresses variances through BOM or routing revisions, training, or process enhancements.
- Implement new procedures or processes to run an efficient manufacturing area.

### **Person Specification**

We are looking for people with a passion for their work - people who strive for exceptional results, but who can deliver pragmatic solutions on time. DNA Electronics' scientists and engineers enjoy and thrive on working in an interdisciplinary team but can also work independently and use their own initiative. The ideal candidate also likes to contribute to solving problems outside their field of immediate expertise and is an effective communicator.

### **Qualifications & Experience:**

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### **Highly Desired Experience:**

- Proficient knowledge of processes and techniques used in microbial NGS sample preparation preferred.
- Development experience including testing, verification activities, generating documentation, and product technical transfer preferred.
- Specific work experience in medical devices or pharmaceutical regulated environment (i.e. ISO 13485) desired.
- Excellent organizational and project management skills
- Commitment to help the team achieve deliverables and meet aggressive timelines
- Experience with Lean/Six Sigma methods. Competency with Microsoft Office Suite (MS Word, Excel, PowerPoint)

**Location**

DNA Electronics Inc, Carlsbad, CA

**Apply**

If you believe you meet the above criteria and would relish playing a key role in developing a revolutionary technology, we would be delighted to hear from you.

We offer a competitive compensation package to successful candidates.

Please email your CV and cover letter to: [HR-US@dnae.com](mailto:HR-US@dnae.com) quoting

**Your name and the job title** in the subject line.

For more information about DNAe, please visit our website [www.dnae.com](http://www.dnae.com)

DNAe, Inc. is an equal opportunity employer that does not discriminate on the basis of race, color, national origin, ancestry, religion, sex, gender, age, marital status, physical or mental disability, military or veteran status, sexual orientation, gender identity, gender expression, genetic information, or any other characteristic protected by applicable federal, state or local law.

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