

## Component Engineer

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### About Delta-Q Technologies Corp.:

Are you looking for challenging career opportunities? Do you truly want to make a difference in the world through technology innovation? Delta-Q could be the place for you.

Delta-Q Technologies, founded in 1999, supplies vehicle manufacturers with power conversion solutions enabling the shift away from internal combustion engines to environmentally friendly electric drive systems. Considered the technology benchmark in industrial AC-DC battery chargers and integrated DC-DC power converters, Delta-Q products are installed on hundreds of thousands of vehicles such as golf cars, aerial work platforms, industrial floor cleaning machines, Neighborhood Electric Vehicles, and plug-in hybrid and utility vehicles.

To support our continued business growth and to resource several new product development programs, Delta-Q is recruiting for a variety of Engineering, Product Management, Product Support, and Sales positions. Our vision is "Delta-Q in electric vehicles everywhere!" and our focus is to hire the best and brightest to make that happen. Find out how rewarding it is to help advance the state of vehicle electrification while working in a dynamic culture that embraces honesty, integrity, perseverance and innovation.

### Position Summary

The Component Engineer will contribute to product development and sustaining projects in order to meet organizational goals. The Component Engineer will bridge the gap between engineering and production with respect to new component selection and finding alternate sources for existing components to support on-time delivery of products and projects.

### Specific Duties

- Assists the product development teams with component identification and selection for new and existing product designs
- Maintains existing components database with updates from manufacturers
- Builds and maintains relationship with vendors
- Develops component selection and qualification criteria
- Coordinates failure analysis and corrective action activities on parts
- Performs cost analysis on components for new and existing products

### Requirements

- Bachelors Degree in engineering or technical certificate/diploma coupled with a minimum of 5 years relevant experience
- Possesses an awareness of the design requirements for passive and active components as used in switch-mode power electronic circuits to meet the various functional requirements e.g. power regulation and control, isolation, EMC, thermal management etc
- Understanding of the requirements placed on part selection from a DFM (design for manufacturing) perspective specifically with respect to part placement and PCB layout
- Knowledge of the specific requirements placed on part selection for industrial and automotive market applications

Delta-Q is located in Burnaby, BC, the geographical centre of Metro Vancouver. With a diverse economy and a growing high-technology sector, Vancouver is a world-class multi-cultural city set amidst the natural beauty of the ocean, lakes, rivers and mountains of the Pacific Northwest region. It is no wonder that so many people from around the world have made Vancouver their home and those raised here have chosen to remain.

Challenging career opportunities, competitive benefits and an outstanding location make Delta-Q a great place to be.

For more information about Delta-Q Technologies and current career opportunities please visit us at [www.delta-q.com](http://www.delta-q.com).

A competitive salary, bonus, options, benefits and relocation package will be offered to the selected candidate.

### Response Information

Please email a cover letter and resume to Human Resources, as an attachment to [careers@delta-q.com](mailto:careers@delta-q.com), quoting Component Engineer in the subject line.