

Senior Mechanical Engineer – Job Description

About Delta-Q Technologies Corp.:

Delta-Q Technologies, founded in 1999 and based in Burnaby BC, is a leading provider of power conversion and power management products to the electric and hybrid drive vehicle industries. With an industry leading high frequency battery charger achieving strong commercial success, and two new products just hitting the market, our business and new opportunities are growing tremendously. Delta-Q's product suite improves overall vehicle performance at a lower system and lifetime operating cost. Our products are used by leading OEMs in the electric and hybrid drive vehicle industries including golf cars, floor machines, aerial work platforms, Neighbourhood Electric Vehicles, plug-in hybrids and utility vehicles.

Delta-Q adheres to a lean philosophy and is managed by an experienced team committed to the most current and effective business and product development practices. With our OEM customers, we have demonstrated our willingness and need to involve the customer in product design at its very inception. The result of this customer collaboration is a product designed to meet real-world customer needs and an improved ability for us to anticipate future market needs. By focusing on our core competencies and employing best of class subcontractors for other areas, Delta-Q provides the best overall product and service.

For more information about Delta-Q Technologies, please visit us at www.delta-q.com.

Summary:

To support our expansion into mainstream automotive product supply, Delta-Q requires a highly capable Senior Mechanical Engineer. The ideal candidate will possess years of experience in the mechanical design of power electronics for high volume automotive environments. The candidate will have taken multiple designs from concept to post-launch phases gaining valuable problem solving and efficiency learning as a consequence.

The candidate will be expected to greatly expand the technical competency and capability of Delta-Q's mechanical engineering department by applying and championing robust design processes and state of the art tools and techniques.

Delta-Q is situated in the technology and innovation centre of Vancouver in British Columbia. Delta-Q prides itself in offering a stimulating, challenging and fun company culture that mirrors the very beautiful and vibrant city in which it is based.

If you believe that you possess the qualities this position demands, Delta-Q can offer you a technically challenging and professionally rewarding career. Delta-Q can point to a history of rapid growth underpinned by astute product planning delivering compelling features to new customers. We need entrepreneurial senior engineering talent to continue our aggressive product and company expansion.

Your covering letter will be your opportunity to identify why you are the ideal candidate for this challenging role. It is expected that you will be able to draw from your experience significant examples of satisfying the mandatory requirements of the position as listed below:

- Experience in the design of Power Electronics in a high volume automotive environment
- Expert in the modelling and delivery of mechanical and thermal attributes of Power Electronics assemblies.
- Highly knowledgeable in a broad array of manufacturing processes as applied to Power Electronics assemblies.
- Highly knowledgeable in Power Electronics design best practises.
- Enthusiastic to mentor and grow the skill level of Delta-Q's mechanical engineering department.
- Expert in the application of state of the art DFM/DFA techniques and technologies.