

GP JOULE PV Canada Corp. a subsidiary of GP JOULE GmbH, a diversified renewable project developer and Engineering, Procurement and Construction (EPC) service provider headquartered in Reußenköge, Germany with offices across Europe, the US and Canada. The Americas team is focused on renewable project development as well as full turnkey EPC services for the North and Latin American markets. Headquartered in Toronto, Ontario, Canada, with satellite offices in California and Calgary, we specialize in ground mount solar photovoltaic installations for both commercial and utility scale projects and can offer unique solutions in short and long term financing.

As a growing international private company, GP JOULE values authenticity, fair business practices, innovation, quality and zest for life. We look for highly-spirited people embracing those same core values to join us!

### **About the Opportunity**

As part of its expansion in North America, GP JOULE is launching a new Product Division focused on developing, designing, managing, selling, delivering (manufacturing, quality, site support, logistics) and maintaining (engineering change management, warranty, etc.) a series of proprietary Solar PV systems and solutions (PHLEGON Single Axis Tracker, CULTIVECO PV Greenhouse, Carport, PV Foundations, etc.), all complementary to GP JOULE core business in Project Development and EPC. As such the company is looking for talented individuals eager to learn and grow in a fast-pace and entrepreneurial environment. The position will report to the **Senior Mechanical Engineer, PEng, Products Division**.

### **Key Responsibilities**

- Develop 2D & 3D designs and renderings of products as per direction of Mechanical Engineer
- Work with Mechanical engineer on design VA/VE initiatives
- Help prepare drawings. for suppliers RFQ packages and customer bid submissions
- Prepare technical product documentation to support Product Division (test protocols, prototype BOM's, sample material cut lists, etc.) manufacturing (GD&T and quality packages, operating manuals, installation manuals), EPC Division (manuals, rework instructions)
- Track and maintain records of internally directed and externally requested product design changes & product bill of materials
- Maintain systematically all engineering documentations including but not limited to parts and drawings numbering system, product BOM's
- Administrate / order prototype testing with outside labs
- Manage the validation and certification of products with engineering team and external engineering consultants as directed by Manager

### Skills & Qualifications

- 3-5 years 2D and 3D modelling experience
- Intermediate Solidworks and 2D & 3D AutoCAD skills
- Strong understanding of GD&T standards
- General understanding of design for manufacturing techniques
- Must be proficient with PowerPoint, Excel, Word, Outlook
- Good technical writing skills
- Ability to communicate issues with other groups and team members
- Strong documentation management and organization skills
- Ability to think analytically
- Good interpersonal skills
- Must be able to work legally in Canada and travel periodically to the US
- College Diploma or equivalent work experience
- Must have valid Passport and driver's licence
- Speak fluently and write proficiently in English

For a view into our world, please visit us at [www.gp-joule.ca](http://www.gp-joule.ca)

Please email your application documents to [careers@gp-joule.com](mailto:careers@gp-joule.com) and mention the position you are applying for in the subject line.