

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's core business in Project Development and EPC internationally. As such, the company is looking for talented individuals eager to learn and grow in a fast-paced and entrepreneurial environment. The position will report to the **Director, Products Division**.

Key Responsibilities

- Manage all products, systems or solutions, mechanical/structural engineering, design, testing, validation and certification for the Division
- Support manager in developing timelines and budgets for any new product development
- Manage technical team of drafter(s), technologist(s) and junior engineer(s)
- Lead decisions on design, testing, etc. work based on resources and capacity
- Approve and stamp IFC drawings
- Coordinate and lead product and design changes to meet standards and cost saving initiatives
- Coordinate reviews, tests and approvals of products with 3rd party engineers as required including new product certification (eg. UL, CE, CSA, etc.)
- Develop partnerships with universities, consultants and labs for mechanical/structural testing and simulation (FEA, etc), where applicable
- Work with CAD Technologist to prepare construction drawing sets
- Manage SRED (Canada) claimable work and maintain records for ease of reconciliation
- Review/approve CAD models and drawings to ensure consistency and accuracy
- Represent the division technically at client meetings related to product opportunities
- Participate in relevant technical committees or trade shows to represent the

company's intellectual property, advertise its' products and innovative developments while connecting with and benchmarking competitor technical teams

Skills & Qualifications

- Minimum 5 years' experience in structural and/or mechanical design
- Expertise in applying wind tunnel testing results to product design and VA/VE efforts
- Experience in product design, validation and/or testing with steel in the automotive, infrastructure or steel building industry would be an asset
- Must be proficient with MS Project, , Excel, Word, Outlook
- Experience using SAP2000, StaadPro or Finite Element analysis tools is an asset
- Strong technical writing skills required with demonstrated ability
- Ability to communicate issues with solutions to management and team members effectively
- Strong interpersonal skills are preferred as part of Company culture
- Ability to think analytically and organize and prioritize work for self and team
- Must be able to work legally in Canada and travel periodically to the US
- Must have recognized University Degree in Mechanical or Civil Engineering
- Must have valid Ontario Professional Engineering licence and must be in good standing
- Must have valid passport and driver's licence
- Work travel may be 10-15% of time
- Must have own vehicle or access to vehicle
- Speak fluently and write proficiently in English

For a view into our world, please visit us at www.gp-joule.ca

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