



## Project Engineer

Forbidden Bike Company – Cumberland, BC

### ABOUT FORBIDDEN BIKE COMPANY

At Forbidden Bike Company, we are proud to have a team of individuals who are passionate about riding and contributing to the mountain bike community. Forbidden was created by real mountain bikers with the simple goal of making our vision of the perfect mountain bike.

Forbidden is small, and we want to keep it that way. Our size allows us the freedom and agility to develop the products we want to, with no pressure to follow mass market trends.

### POSITION OVERVIEW

Forbidden Bike Company is growing and looking to add a **Full Time Project Engineer** to the team! Our ideal candidate will have an engineer background and experience working global compliance standards. This position is expected to work on average **37.5 hours per week**.

Reporting to the **Head of Product**, the ideal candidate will play a key role in ensuring Forbidden bike products meet the high safety and ride quality requirements they are known for. You will be available to work during normal business hours Monday through Friday. Working at a small company, you will also have a willingness to help out in other areas of the company as required.

This position is based in Cumberland BC and the successful candidate must be able to work at the physical location of Forbidden's office.

The expected wage for this position is \$60,000 per year.

### Responsibilities include (but are not limited to):

#### Global Product Compliance

- Ensure all bikes (electric and non-electric) meet regulatory requirements, including but not limited to:
  - **EU:** EN 15194, EN ISO 4210, CE marking, Machinery & EMC Directives
  - **UK:** UKCA marking, BS EN 15194
  - **North America:** CPSC standards, UL 2849 (where applicable), battery/charger compliance
  - **AU/NZ:** AS/NZS 1927 and regional electrical safety and e-mobility regulations



### **Testing & Validation**

- Coordinate frame, fork, and system testing for fatigue, impact, and safety (EN ISO 4210, EN 15194)
- Manage relationships with test labs and oversee EPAC certification processes
- Interpret test results and communicate outcomes to the design team
- Maintain clear records of all test reports, certificates, and validation logs

### **Documentation & Technical File Management**

- Compile and maintain Declarations of Conformity and technical files for all products
- Ensure files include drawings, test reports, BOMs, risk assessments, and user manuals
- Liaise with suppliers to gather supporting compliance documents and certifications
- Support release and control of drawings, CAD files, and specifications
- Conduct drawing and tolerance reviews for accuracy and manufacturability

### **EPAC-Specific Compliance**

- Manage all aspects of EPAC regulatory compliance, including:
- EMC testing
- Mechanical safety and software reliability
- Battery system testing and documentation
- Keep Declarations and EPAC technical files updated and audit-ready

### **Packaging, Labelling & Manual Compliance**

- Review packaging for legal markings and required symbols
- Ensure user manuals meet compliance standards, covering:
- Safe operation and legal limits (e.g., max assist speed, Permissible system weight, age restrictions)
- Charging, maintenance, and servicing instructions

### **Regulatory Monitoring & Communication**

- Stay up to date on changes to relevant global standards and directives

Advise internal teams on the impact of regulatory updates

### **Produce Technical Documents**

- Create exploded views, assembly diagrams, and technical visuals using SolidWorks
- Support user manuals, assembly instructions, and internal guides with accurate visual documentation
- Work with the design team to ensure visual outputs reflect the latest product revisions
- Other projects and tasks as required.



## REQUIREMENTS/QUALIFICATIONS:

- 2+ years of experience in a relevant position.
- Engineering educational/work experience preferred.
- Knowledge of EPAC regulations (EN 15194, Machinery Directive, EMC/RED).
- Familiarity with CE/UKCA marking, CPSC standards, and other global compliance.
- Experience with CAD/drawing review, technical files, and testing documentation.
- Experience working with bike systems, EPACs or lithium battery regulations.
- Strong communication skills (verbal and written) and ability to liaise with many different stakeholders through multiple channels (email, phone calls, etc.)
- Very organized and strong time management skills, ability to manage multiple projects and support other projects as required.
- Strong knowledge of the mountain bike industry and bike mechanical skills are preferred.

## HOW TO APPLY

Please submit a cover letter and resume via email to:

[employment@forbiddenbike.com](mailto:employment@forbiddenbike.com)

Applications will be received until **5pm August 29, 2025**. Only those shortlisted will be notified. We look forward to hearing from you!

Some benefits to working at Forbidden Bike Company include:

- Staff discounts on Forbidden Bike Company products including mountain bikes
- A culture of work/life balance and lots of time spent on trails
- Opportunity to enjoy Cumberland and the extensive local trail networks and great mountain biking community