

Who makes sure BCycle products are safe?

BCycle shares many of its resources with Trek Bicycle Corporation. Internally, BCycle and Trek have strict standards for product safety, and a dedicated compliance team is shared across BCycle and the Trek brands. This team ensures products meet or exceed recognized US and international safety standards.

During both design and production, this team works closely with internal product teams, suppliers, regulators, and standards organizations to ensure we apply the latest safety knowledge to all our products.

Then during product testing, the compliance team and third-party accredited laboratories ensure all products and their components meet and/or are certified to existing standards.

What steps does BCycle take to ensure that its bikes are safe?

BCycle sets the bar high for safety. We test and certify all bicycle and e-bike models to strict product safety standards, and in many cases test at levels that well exceed the minimum standards.

Non-electrical bicycles are evaluated to US and International Safety standards, specifically:

- ISO 4210 Parts 1-9, which is an international standard and state-of-the-art, and
- CPSC 1512, which is an older, but current US safety regulation/standard for bicycles.

For e-bikes in North America and Europe, there are two main standards: UL 2849 (North America) and EN 15194 (Europe).

- UL 2849 applies to the electrical system only.
- EN 15194 applies to the whole ebike.

Most testing is performed at certified third-party laboratories, such as ACT, Intertek, UL, and SGS, with some of the more extreme testing performed in one of our internal laboratories.

Are BCycle e-bikes certified?

Yes, ALL OF THEM. We're pretty serious about this.

All of BCycle's e-bikes have specific levels of certification and testing performed on them. The electrical system and its components are certified by 3rd party labs, and the mechanical aspects of bicycles and ebikes are tested at a mix of 3rd party and internal labs. BCycle exclusively uses Bosch Electrical Systems to power our ebikes, and Bosch is well known for being one of the safest and most robust systems on the market. Bosch systems are also tested/certified to all the standards discussed previously. Here is a summary of Bosch system testing and certification:

- **Electrical System:** tested and certified to UL 2849 and EN 15194 as appropriate, by Intertek Laboratories
- **Bosch Batteries** – certified by Intertek to IEC/EN/UL 62133 + UL 2849's additional battery requirements. Bosch is currently working on certifying batteries to UL 2271 as well.
- **Bosch Charger** – certified by Intertek to one or more of the following standards: UL 1012, UL 1310, UL/IEC 60335-2-29, UL/IEC 60950-1, or UL/IEC 62368-1

All of the Bosch Electrical Certifications in the US can be verified on Intertek's ETL Database:

[https://ramuk.intertekconnect.com/WebClients/ITS/DLP/products.nsf/\\$\\$Search?OpenForm](https://ramuk.intertekconnect.com/WebClients/ITS/DLP/products.nsf/$$Search?OpenForm)

Which accredited laboratories do you use?

Currently BCycle uses Underwriters Laboratories, Intertek, SGS, ACT labs, and TUV for product/component testing and certification.

Accredited laboratories are independent laboratories accredited by international review agencies as being able to perform testing – accurately and independently – to strict standards. Some of these accredited laboratories are also certifying agencies able to issue product certifications.

Can I tell if BCycle e-bikes are certified by looking at them? Is there a special marking?

Yes, all BCycle e-bikes will have varying certification markings. Depending on the e-system, these marks are found on the components: battery, charger, motor, display, and remote. Examples of agency certification marks: UL, ETL, SGS, ...



Sometimes markings can be hard to find and may not be visible. For example, a certification marking may be on a battery or controller inside the bicycle frame.

What about recent media reports of e-bike fires?

BCycle is aware of these reports, and while we have not yet experienced this type of issue, we pay close attention and learn from these incidents. All BCycle e-bikes are carefully designed, manufactured, tested, and certified to rigorous safety standards to avoid issues like these.

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