AUSTRALIAN STANDARDS FOR TRICYCLES.

Consumer Statement regarding certification standards for all Trike Bike branded models.

Dear Customer,

Thank you for choosing a tricycle from Trike Bike. We understand the importance of safety and compliance for our products, and we want to assure you that our Trike Bike tricycles meet the highest standards.

Although the market for tricycles in Australia is small and specific Australia Standards for tricycles are not published, we adhere to the relevant Australian Standards for bicycles and similar vehicles. Additionally, we fully comply with the European Standards where specific regulations for tricycles do exist.

Here are the key standards and regulations that all Trike Bike branded tricycles comply with:

1. Australian Road Rules

Trike Bike adult tricycles comply with the Australian Road Rules, which outline the legal requirements for bicycles on public roads. These include:

- **Brakes:** Tricycles must have at least two effective brakes.
- **Bell or Horn:** Tricycles must have a functioning bell or horn must be fitted.
- **Lights and Reflectors:** Tricycles must have a white reflector on the front, a red reflector on the back, amber reflectors on each wheel, and amber reflectors on the pedals for riding during the day or in low visibility. Additionally, a white light at the front and a red light at the rear are required if riding at night.

2. AS 1927:2010 - Pedal Bicycles - Safety Requirements

This standard, although primarily for bicycles, has safety requirements applicable to adult tricycles:

- **Frame and Fork Strength:** Ensures the structural integrity of the tricycle.
- **Handlebars:** Must be securely attached and designed to prevent slippage.
- **Wheels and Tyres:** Must be appropriate for the tricycle and securely attached.
- **Chain Guard:** If applicable, to protect the rider from the moving chain.
- **Marking:** Tricycles must be permanently marked with the manufacturer's name or trademark, model number, and serial number.

3. Consumer Product Safety Standards

Under the Australian Consumer Law, tricycles must meet the general consumer product safety standards to ensure they are safe for use. This includes:

- **Material Safety:** Ensuring materials used do not pose a health risk.

• **Manufacturing Quality:** Products must be free from defects and suitable for their intended use.

4. Specific Requirements for Electric Tricycles (if applicable)

For electric adult tricycles, additional standards apply:

• **AS/NZS 1927:2010 (for non-motorized bicycles) and EN 15194:2017+A1:2023 (for Electrically Power Assisted Cycles - EPAC):** Ensuring that both pedal, and electric Trike Bike tricycles meet both mechanical and electrical safety requirements.

• **Battery Safety:** Batteries must meet specific safety requirements to prevent risks such as fire or explosion. All batteries used by Trike Bike meet the following standards where applicable..

- UN38.3
- UL2849/2271
- AS/NZS 62133.2:2018
- EN2023/1542

• **Electrical Components:** All electrical components are insulated and protected to prevent electric shock. All chargers supplied by Trike Bike meet the following standards where applicable..

- AS/NZS 60335.2.29:2017 (+A1)
- AS/NZS 60335.1.2020 (Part 2.29)
- AS/NZS 62133.2:2018

5. Compliance and Certification

Trike Bike ensures our tricycles comply with these standards through testing and certification. If requested, we have the necessary certificates of compliance from our manufacturers which have been completed by a recognised testing authority.

6. User Manuals and Warnings

• **Instructions:** Trike Bike tricycles come with clear instructions for assembly, use, and maintenance.

• **Warnings:** Trike Bike tricycles include appropriate warnings about safe usage, particularly regarding load limits and terrain suitability.

We are committed to providing safe and high-quality tricycles that meet all relevant standards and regulations. If you have any questions or need further information, please do not hesitate to contact us. bigm@trike-bike.com.au

The Trike Bike Team

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