

## Environmental Policy for the Entire Product Lifecycle

### I、 Introduction

This policy aims to clarify the commitment and responsibility of Prinx Chengshan Holdings Co., Ltd. to environmental protection throughout the entire lifecycle of product design, production, use, recycling, and disposal. We are committed to reducing the environmental impact of our products and their manufacturing processes through continuous innovation and optimized management, promoting the development of green tire technology, and achieving a win-win situation for economic and ecological benefits.

### II、 Policy Objective

#### 1. Reduce Resource Consumption

Use environmental friendly and recycled materials in the product design stage, improve material utilization rates, and reduce resource and water consumption. By 2025, water consumption per unit of product will decrease by 50% compared to 2021.

#### 2. Improve Energy Efficiency

Adopt efficient energy-saving equipment and technologies in the production process, phase out low-energy-efficient motors and equipment, reduce energy consumption, and lower the overall environmental footprint.

#### 3. Reduce Emissions

Optimize production processes to decrease greenhouse gas and other pollutant emissions, reducing the negative impact on the environment. By 2025, non-methane total hydrocarbon emissions per unit of product will decrease by 28%.

#### 4. Promote Recycling

Promote the recycling and reuse of waste tire products, encourage consumers to participate in waste tire recycling and retreading.

#### 5. Environmental Education and Awareness

Actively implement environmental law training, enhance environmental awareness among employees and supply chain partners, promote environmental knowledge, and encourage green actions.

### **III、 Implementation Strategy**

#### **1. Product Design Phase**

Adopt an environmental impact assessment to ensure that environmental protection concepts are integrated from the beginning of the design process. Regularly evaluate lists of toxic and hazardous substances and environmental protection regulations, develop environmentally friendly material formulas, eliminate the use of toxic and hazardous substances. Optimize product construction design, develop low rolling resistance and high wear-resistant products, estimate tire mileage through simulation and bench testing, and extend the product's service life.

#### **2. Product Production Phase**

Introduce clean production technologies to reduce waste generation, improve energy efficiency, and decrease wastewater and exhaust gas emissions. Enhance energy utilization efficiency and reduce energy consumption. Recycle and reuse polyethylene film in the production process, recover and utilize nitrogen gas in curing process, and circulate and utilize cooling water in each process.

#### **3. Green Supply Chain Management**

Develop environmental testing methods and standards for raw materials and finished tires, requiring suppliers to comply with environmental standards to jointly promote the construction of a green supply chain. Optimize logistics solutions to reduce carbon footprint during transportation. Tire products do not use outer packaging, practicing minimal packaging.

#### **4. Product Usage Phase**

Communicate the correct use and maintenance of the product to consumers through methods such as labels, the official website, and brochures, to extend the product's lifespan. Encourage users to adopt energy-saving driving habits to reduce fuel consumption and wear.

#### **5. Waste Tire Handling:**

At the end of product life, establish a tire retreading system. Cooperate with professional organizations to explore ways to reuse waste tires, conduct research on high-value applications of pyrolysis carbon black, and explore sustainable disposal methods to improve resource recycling efficiency.

### **IV、 Supervision and Evaluation**

Establish environmental performance indicators, regularly review the implementation and effectiveness of environmental measures, ensure the achievement of policy goals, and make timely adjustments based on feedback, always accepting supervision from society and the public.

#### **V、 Training and Communication**

Organize regular environmental protection training to enhance all employees' understanding and implementation capabilities of environmental policies, while maintaining good communication with the government, industry organizations, and the public, sharing environmental achievements, and jointly promoting environmental practices.

#### **VI、 Compliance and Continuous Improvement**

Ensure that all activities comply with domestic and international environmental protection laws and regulations, continuously explore new technologies and methods, and constantly improve the company's environmental performance.

#### **VII、 Conclusion**

Prinx Chengshan Holding Co., Ltd. is committed to continuously improving our environmental practices to achieve more sustainable development. We look forward to working with all stakeholders to jointly protect our planet.