



Product Stewardship Policy

Charoen Pokphand Engineering Co.,Ltd.

This policy is a part of Charoen Pokphand Engineering Co.,Ltd.'s Environmental Policy and Guidelines.

Realizing the importance of using natural resources efficiently and responsibly in every product, Charoen Pokphand Engineering Co.,Ltd. is committed to reducing the environmental impacts of products and services, by managing all processes throughout the product lifecycle to ensure that the products and services are of satisfactory quality, safe, and in compliance with applicable standards, as well as to reduce carbon and ecological footprints of those products and services. Furthermore, it seeks to collaborate with customers, consumers and stakeholders throughout the value chain in product stewardship to realize the value of responsible consumption and promote environmentally friendly products and services.

In order to achieve these objectives, Charoen Pokphand Engineering Co.,Ltd. establishes the following guideline.

1. Develop and define design products and services criteria to ensure high quality, safety, compliance with environmental standards, and certifications by relevant national and international regulators.
2. Assess and identify health, society and environmental risks throughout the product lifecycle to mitigate possible adverse impacts.
3. Improve operational, products and services production efficiency continuously by selecting raw materials that are of high quality and sustainably-sourced, prioritize safe and environment-friendly materials free of hazardous substances, reused, or recycled materials, sustainably sourced materials. Ensure that no conflict minerals are used as raw materials.
4. Prioritize business partners and contractors who comply with standards in responsible production of products and services.



5. Support and drive green procurement to promote environmentally friendly products and services.
6. Verify the effectiveness of Product Stewardship throughout the lifecycle of the products and services, including design, procurement, production, managerial activities, transportation, distribution and end-of-life management.
7. Reduce or develop a plan to eliminate the use of hazardous chemicals or substances in products and services.
8. Implement quality assurance and control systems according to international standards to ensure reliability of products and services.
9. Allocate resources to implement product stewardship concepts along the value chain, including sustainable sourcing programs, LCA (Life Cycle Assessment) of products and services, sustainable product/service design criteria, and other related programs and activities.
10. Develop, research and apply innovation and clean technology to design safer products that meet applicable standards and have low environmental impact.
11. Provide quality products and services that deliver resource efficiency benefits to customers and consumers, together with product environmental labels, nutrition labels or other labels that show product and chemical safety information to customers.
12. Set up a performance tracking system and report data in compliance with internationally recognized standards.
13. Support and collaborate with government agencies, NGOs, educational institutions, communities and other stakeholders to promote sustainable production and consumption.
14. Communicate and raise awareness on product stewardship among employees, suppliers, business partners and stakeholders continuously.
15. Disclose performance and progress against targets on product stewardship through Sustainability Report or other relevant disclosures to stakeholders annually.

Directors, executives and employees of Charoen Pokphand Engineering Co.,Ltd. must comply with the laws, rules, regulations, standards, as well as this Product Stewardship Policy and other applicable policies and guidelines related to product stewardship.