Exhaust Gas Management

Our Company has always strictly complied with the *Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution* and other laws and regulations as well as the emission standards of various regions in our operation sites. We carry out third-party air pollution tests in accordance with the requirements of the regulatory authorities, and the monitoring results are all in compliance with the national and local emission standards. Moreover, we stringently manage raw materials to guarantee the exclusion of ozone depleting substances as required by laws and regulations.

During the Reporting Period, Luxshare Precision:

The total amount of exhaust gas emissions was nearly

289 tons

Case | Luxshare Precision Carried Out Exhaust Gas Control Work

Luxshare Precision minimizes emissions in the production process from the perspectives of source reduction, on-site improvement, and end-of-pipe treatment.

Source Reduction

In order to reduce the large amount of alcohol that needs to be used when cleaning equipment, Boshuo Electronics optimized the cleaning step to hot water plus detergent wipe to replace the use of alcohol. Through improvement, we can reduce more than 2 tons of alcohol usage per year and decrease the emissions of volatile organic compounds (VOCs) from the source.

Improvement of Exhaust Gas Collection Efficiency

Luxshare Xuancheng has set up a fully enclosed shield for the solder paste printing machine, reflow soldering machine, and other equipment and collects gas through pipelines to improve the collection efficiency of VOC and reduce unnecessary escape of exhaust gas, and the collection efficiency of exhaust gas has been increased to 98%.

Enhancement of End-to-End Management Level

Smart Manufacturing Changshu replaced the end waste gas treatment method from secondary activated carbon treatment to catalytic combustion, which greatly increased the treatment efficiency to more than 90%, effectively enhancing the waste gas treatment capacity.

Waste and Recycling

Luxshare Precision implements meticulous waste management practices to properly handle all waste generated during operations. We actively promote the zero-waste-to-landfill concept and explore innovative recycling approaches to support circular economy development and enhance resource efficiency.

Waste Control Process

Our waste management follows the principle of "classified collection, centralized storage, and unified disposal" in full compliance with *Law of the People's Republic of China on the Prevention and Control of Solid Waste Pollution* and other relevant regulations. We have established the *Waste Control Operating Procedure* to oversee every aspect of waste management from classification and storage to compliant disposal and documentation, minimizing environmental impact.

Waste Management Procedures

Classification

- Solid waste generated in the production process shall be identified and classified in accordance with the *National Hazardous Waste Directory* and the *Solid Waste Identification Standard* (GB- 34330) and other national standards

Storage

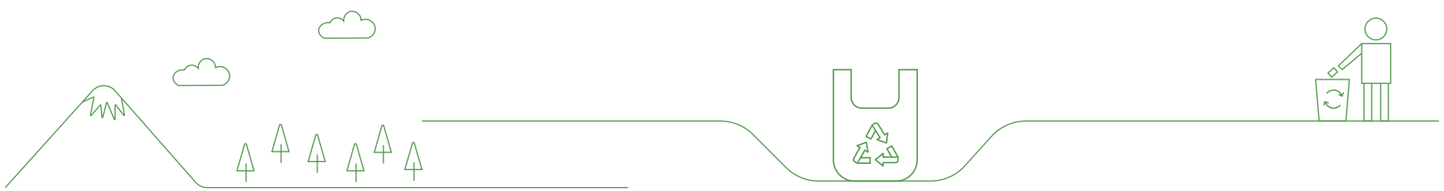
- Storage facilities shall be built in accordance with the *Pollution Control Standard for General Industrial Solid Waste Storage and Landfill* (GB-18599) and the *Pollution Control Standard for Hazardous Waste Storage* (GB-18597) to prevent waste from causing secondary pollution to the surrounding environment, soil and groundwater

Compliant disposal

- In strict accordance with the requirements of the Environmental Protection Bureau, solid waste shall be disposed by a qualified third party

Record

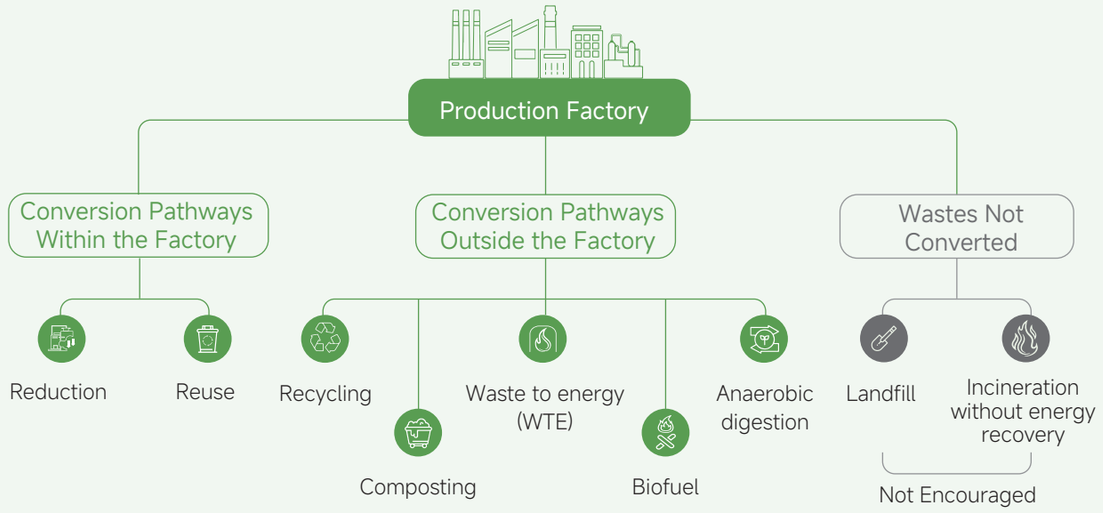
- Establish a solid waste log, and record key information in the waste management process through an electronic information management system



Zero Waste to Landfill

Luxshare Precision actively implements zero waste to landfill initiatives and is committed to minimizing the impact of waste on the environment. The Company has set a 3-year target for the average waste conversion rate, promoted waste reduction, recycling, reuse, and other effective transformation in strict accordance with the Zero Waste to Landfill certification standard (UL 2799) and cooperated with qualified service providers to ensure the proper transfer and disposal of waste. In 2024, the average waste conversion rate of our subsidiaries has already reached 88.18%, an important step towards achieving the target.

Waste Disposal Methods



Case | Lanto Kunshan Optimized Disposal Mode, Turning Waste Release Film into Treasure

The waste release film generated by Lanto Kunshan's die-cutting process was originally classified as non-recyclable waste and could only be incinerated. In 2024, Lanto Kunshan proactively sought recycling partners to reprocess waste release films into industrial plastic products, enabling resources to return to the industrial chain and achieve an efficient recycling model.

During the Reporting Period, Luxshare Precision:

Total amount of waste generated
187,344 t

Non-hazardous waste
123,007 t

Domestic waste
15,568 t

Hazardous waste
48,769 t

Waste conversion and disposal

Recycled	Reused	Reduced
135,538 t	14,778 t	18,548 t
Waste subject to incineration (with energy recovery)	Waste subject to composting	Waste subject to anaerobic digestion
13,762 t	3,168 t	1,550 t

As of the end of the Reporting Period, Luxshare Precision :

Accumulative UL 2799 certified subsidiaries reached
14

Circular Economy

In the wave of circular economy, Luxshare Precision actively explores the recycling mode of waste. We adhere to the "4R" principle[17] to reduce the use of non-essential materials throughout the entire process.

Full Process Control of Materials

Process Design
- We adopt reduction and circular design approaches to minimize raw material consumption and explore the application of recycled materials

Material Sourcing
- We prioritize the use of recyclable materials, actively seek alternative options for non-recyclable materials, and collaborate with suppliers to recycle reusable materials

Product Manufacturing
- We implement internal recycling and reuse of materials such as aluminum, copper, tin, rare earth magnets, post-consumer recycled (PCR) plastics, and reusable polyester resin to reduce material input in the production process

Shipping Phase
- We use recyclable shipping containers and de-plasticize packaging materials to reduce plastic use in product packaging

[17] "4R" principle refers to "Reduce、Reuse、Recycle、Replace"

Case | Luxcase ICT Yancheng Joined Hands with Tsinghua University to Carry Out Research on Waste-Free Supply Chain Related Topics

Luxcase ICT Yancheng and Tsinghua University's National Graduate College for Engineers have jointly conducted research on topics related to zero-waste supply chains. The two parties investigated and analyzed the entire lifecycle of aluminum scrap generated during computer casing production and processing - spanning from raw material procurement to product usage, scrap generation, treatment, and recycling. This study provides foundational support for establishing evaluation standards for zero-waste supply chains in the 3C metal components industry, while also offering valuable references for advancing national circular economy development and promoting sustainable supply chain construction.

Defense Meeting of the Project

Case | Luxshare Xuancheng Recycled and Replaced Copper Scrap

Luxshare Xuancheng collects copper scrap from production lines and cooperates with third-party organizations to carry out copper scrap recycling and replacement. This initiative can reduce the purchase volume of copper materials, lower production costs, and realize the efficient recycling and reuse of copper resources. During the Reporting Period, Luxshare Xuancheng recycled a total of approximately 638 tons of copper scrap.

Case | Boshuo Electronics Continued to Expand the Scenarios for the Use of Recycled Materials

Boshuo Electronics proactively integrates product quality with environmental stewardship through circular economy initiatives. Currently, we have adopted printed circuit boards made of recycled gold and magnets that use 100% recycled rare earth elements in some of our products, and we are vigorously promoting the use of recycled tin in the soldering of printed circuit boards so that we can realize the ecological value of our products while safeguarding product quality.