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Pollutant Discharge Management

Luxshare Precision persistently advances pollution discharge/emission management environmental system, rigorously controlling pollutant discharges, optimizing resource utilization, and diminishing the environmental impact of its production and operational activities. We continuously escalate investments in pollution prevention and control technologies and projects to boost the efficient recycling of resources, thus steadily transitioning towards green manufacturing.

Waste Management

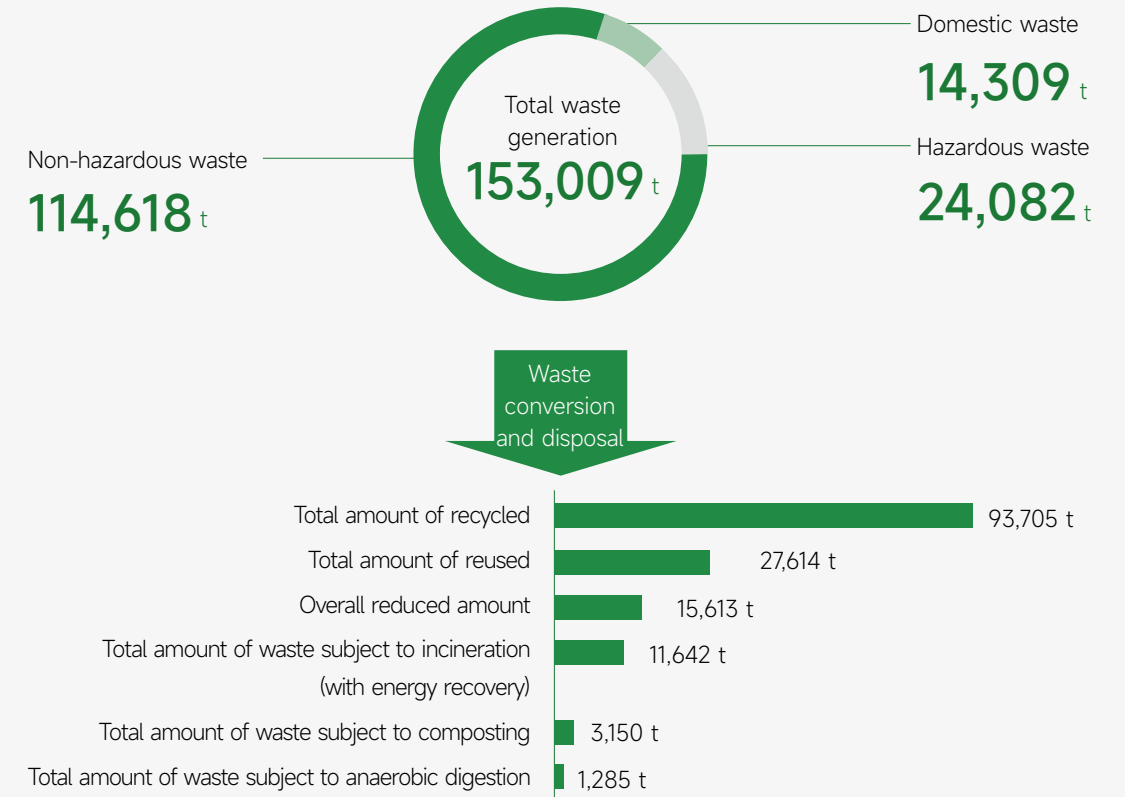
In strict adherence to the *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution Caused by Solid Waste*, we have formulated the *Waste Control Operating Procedure* outlining the guiding principle of "categorization, centralized storage, unified treatment" for waste management. This comprehensive approach involves classifying, storing, compliantly disposing, and recording all production waste to minimize its environmental impact.

In 2023, we introduced an electronic information management system for waste management developed in reference to UL 2799 standards. This system captures details including waste types, weight, conversion methods, disposal vendors, and processing procedures. All our factories utilize this system to collect, make statistics and analyze waste-related data, gaining insight into waste generation and disposal outcomes, thereby achieving substantial enhancements in waste management efficiency.

Overall Procedures of Waste Management

<p>Classification</p> <p>Solid waste generated in the production process shall be identified and classified in accordance with the <i>National Hazardous Waste Directory</i> and the <i>Solid Waste Identification Standard</i> (GB-34330) and other national standards.</p>	<p>Storage</p> <p>Storage facilities shall be built in accordance with the <i>Pollution Control Standard for Storage and Disposal Sites of General Industrial Solid Wastes</i> (GB-18599) and the <i>Pollution Control Standard for Hazardous Waste Storage</i> (GB-18597) to prevent waste from causing secondary pollution to the surrounding environment, soil and groundwater.</p>
<p>Compliant disposal</p> <p>In strict accordance with the requirements of the Environmental Protection Bureau, solid waste shall be disposed by a qualified third party.</p>	<p>Record</p> <p>All factories are required to set up solid waste recording account and record detailed information such as waste category, production volume, transportation mode and treatment mode.</p>

During the Reporting Period, Luxshare Precision's waste management data were as follows:



Zero Waste to Landfill

We actively promote an advanced waste management philosophy of zero landfill across all our factories, setting ambitious three-year targets to achieve the average waste transformation rate of 85.5% by 2023, 88% by 2024, and 90% by 2025. We conduct regular monitoring of waste management practices at each factory, implementing targeted improvements accordingly. While striving to reuse internally and downsize the usage of materials such as plastics, metals, paper cartons, coils, and pallets, we also encourage waste treatment service providers to recycle reusable waste and dispose of non-recyclables through energy-recovering incineration, in a bid to advance waste minimization, recycling, and harmless disposal. **During the Reporting Period, the Company achieved an average waste transformation rate of 86.06%.**

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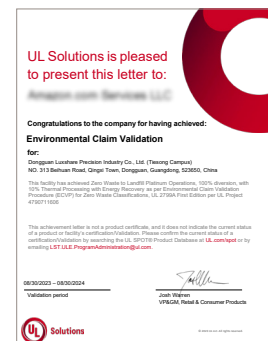
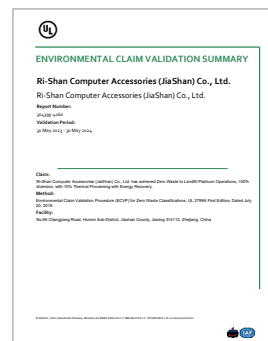
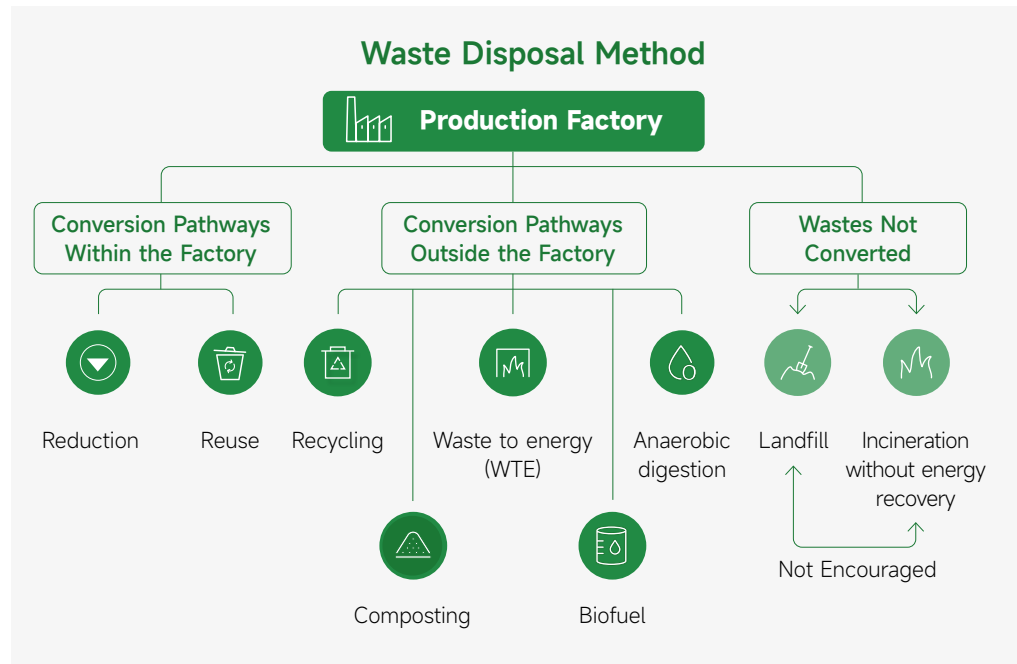
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UL 2799 Zero Waste to Landfill Validation Platinum Grade Certificates Received by Jia Shan Ri Shan and Luxshare Dongguan in 2023

As of the end of the Reporting Period

A cumulative total of Luxshare Precision subsidiaries awarded UL 2799 Zero Waste to Landfill validation was **14**

This year

The number of subsidiaries receiving Platinum ratings for the first time was **2**

Case | Cable Label Optimization at Huizhou Time Interconnect

In a pioneering move that maintains the efficiency of cable assembly installation, Huizhou Time Interconnect uses label printers to print labels onto shrink tubes, thereby achieving an integrated design of labels and shrink tubes, streamlining the process and downsizing the use of paper labels. In 2023, this innovative approach led to an annual saving of approximately 100,000 paper labels for Huizhou Time Interconnect.

Case | Reducing the Use of Packaging Stretch Films at Luxcase Factory

While ensuring product stability during transportation, Luxcase Factory implements eco-friendly designs through the use of thinner, longer stretch films, which increase the number of pallets per roll from 20 to 35, effectively reducing plastic consumption and decreasing waste generation at its source.

Air Pollutant Emission Management

We adhere rigorously to the *Atmospheric Pollution Prevention and Control Law of the People's Republic of China* and other national laws and regulations. Each year, we conduct regular environmental monitoring audits across all our factories to ensure compliance regarding emissions of nitrogen oxides, sulfur oxides, particulate matter, and other air pollutants. Our factories are equipped with online data systems to dynamically monitor air quality, and we implement measures such as activated carbon adsorption upgrades for Volatile Organic Compounds (VOCs) and the adoption of electric forklifts to minimize emissions of waste gases during production and operation. Moreover, we stringently manage raw materials to guarantee the exclusion of ozone-depleting substances as required by laws and regulations.

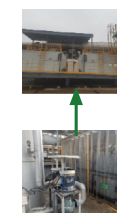
During the Reporting Period

The total volume of exhaust gas emissions was

314.24 t

Case | Upgrading Exhaust Gas Treatment Facilities at Jia Shan Ri Shan

Jia Shan Ri Shan undertook a significant upgrade of its exhaust gas treatment facilities for injection molding and CNC material removal processes, i.e., renovation for secondary activated carbon treatment units. By upgrading the activated carbon units and replacing with reusable granular activated carbon, Jia Shan Ri Shan effectively reduced VOCs exhaust gas emissions.



After upgrading of the activated carbon units, the exhaust gas treatment efficiency was improved by

22.2%



After replacement of the fillers, the exhaust gas treatment efficiency was improved by

27.5%