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ADDING VALUE TO CARS

# TAJCO Manufacturing Ningbo Co Ltd

## Environmental Report

## 06/03/2025

## Version 1

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# 1. Introduction

This Environmental Report has been prepared in accordance with the European Sustainability Reporting Standards (ESRS), as mandated under the Corporate Sustainability Reporting Directive (CSRD). It aims to provide a transparent, comprehensive, and structured overview of our organization's environmental impacts, risks, dependencies, and performance across key environmental topics, including climate change, pollution, water and marine resources, biodiversity and ecosystems, resource use, and the circular economy.

Our reporting reflects both the double materiality perspective—capturing how environmental issues affect our business and how our business activities impact the environment—and is aligned with the principles of comparability, reliability, and relevance. This report is intended for all stakeholders, including investors, regulators, customers, and the communities in which we operate, and supports our broader commitment to sustainability and responsible corporate conduct.

Through this report, we aim to demonstrate our progress toward environmental objectives, disclose relevant metrics and targets.

This document provides TAJCO stakeholders with detailed information on the following topics:

Energy

- Energy Consumption
- Renewable Energy
- Non-Renewable Energy

Water Management

- Water consumption
- Water discharge
- Water discharge pollutants
- Water Recycling

Waste Management

- Hazardous waste
- Non-Hazardous waste
- Waste Recovery

Material Usage

- Stainless steel
- Alloy Steel
- Aluminum
- Copper

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## 1.1 Scope

Our commitment to sustainability is integral to our business operations and corporate ethos. This environmental report is designed to transparently share our environmental outcomes. This report outlines our performance for the year 2024 for '**TAJCO Manufacturing Ningbo Co Ltd'**.

# 2. Energy Consumption

This **Energy Management Report** has been prepared in accordance with the **European Sustainability Reporting Standards (ESRS)**, ensuring compliance with regulatory requirements and best practices in sustainability reporting.

The **Key Performance Indicators (KPIs)** presented in this report adhere to ESRS criteria, enabling a standardized and comparable assessment of energy management effectiveness. These KPIs reflect our organization's commitment to energy efficiency, carbon footprint reduction, and responsible resource utilization.

## 2.1 Energy Consumption

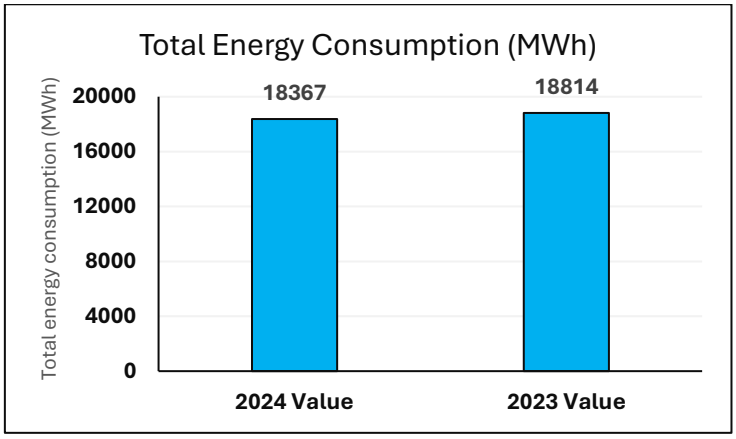


*Figure 1 : Total energy Consumption*

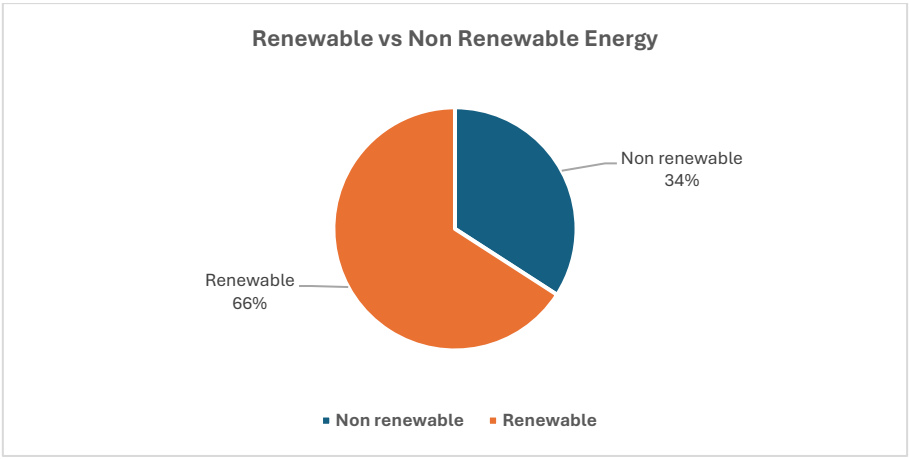


*Figure 2: Renewable vs Non-Renewable Energy 2024*

*Table 1: Total Energy Consumption*

| ESRS Code | Name | 2024 Value | 2023 Value | Unit |
|---|---|---|---|---|
| E1-5-37 | Total Energy Consumption | 18367.06 | 18814.26 | MWh |

| | | | | |
|---|---|---|---|---|
| E1-5-37.(a) | Total Energy Consumption from Non-Renewable Sources | 6267.06 | 13643.07 | MWh |
| E1-5-37.(b) | Total Energy Consumption from Nuclear Sources | 0 | 0 | MWh |
| E1-5-37.(c) | Total Energy Consumption from Renewable Sources | 12100 | 0 | MWh |
| E1-5-41. | Total Energy Consumption from Activities in High Climate Impact Sectors | 0 | 0 | MWh |
| E1-5-AR 34. | Percentage of Energy Consumption from Nuclear Sources in Total Energy Consumption | 0 | 0 | % |
| E1-5-AR 34. | Percentage of Fossil Sources in Total Energy Consumption | 34.12 | 100 | % |
| E1-5-AR 34. | Percentage of Renewable Sources in Total Energy Consumption | 65.87 | 0 | % |

## 2.2 Renewable Energy

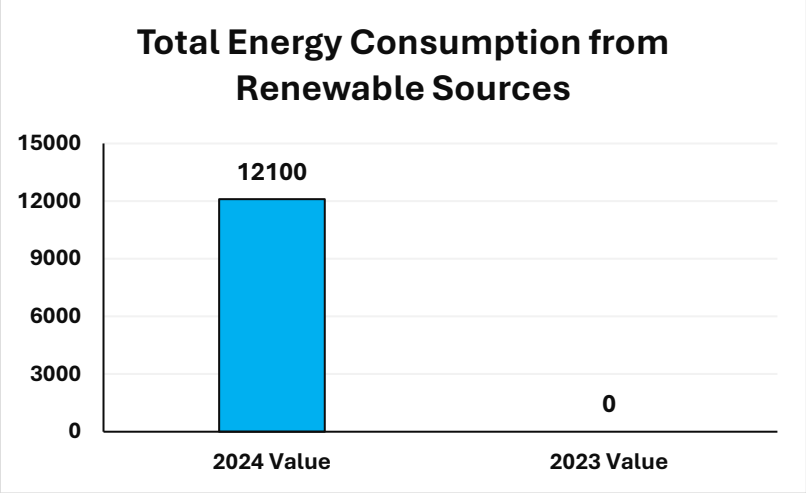


*Figure 3:Total Energy Consumption from Renewable Sources*

*Table 2: Renewable Energy Consumption*

| ESRS Code | Name | 2024 Value | 2023 Value | Unit |
|---|---|---|---|---|
| E1-5-37.(c) | Total Energy Consumption from Renewable Sources | 12100 | 0 | MWh |
| E1-5-37.(c).i. | Fuel Consumption from Renewable Sources | 0 | 0 | MWh |
| E1-5-37.(c).ii | Consumption of Purchased or Acquired Electricity, Heat, Steam, and Cooling from Renewable Sources | 12100 | 0 | MWh |
| E1-5-37.(c).iii | Consumption of Self-Generated Non-Fuel Renewable Energy | 0 | 0 | MWh |
| E1-5-AR 34. | Percentage of Renewable Sources in Total Energy Consumption | 65.87 | 0 | % |

## 2.3 Non-Renewable Energy

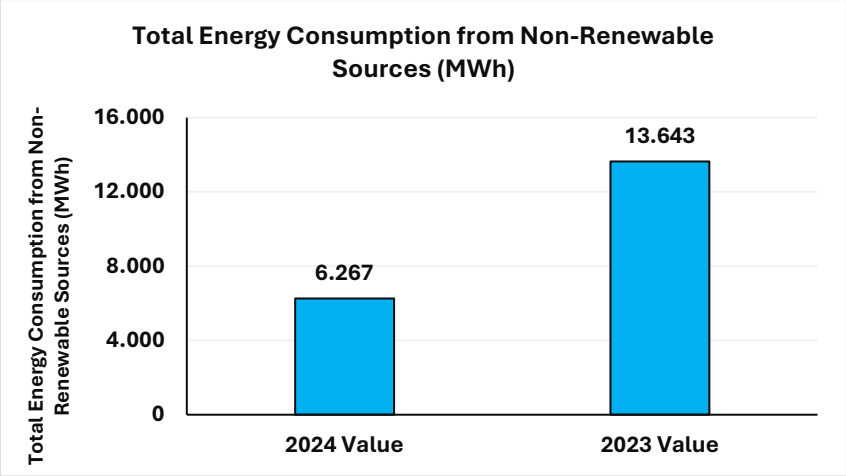


*Table 3: Non-Renewable Energy Consumption*

| ESRS Code | Name | 2024 Value | 2023 Value | Unit |
|---|---|---|---|---|
| E1-5-37.(a) | Total Energy Consumption from Non-Renewable Sources | 6267.06 | 13643.07 | MWh |
| E1-5-38.(a) | Fuel Consumption from Coal and Coal Products | 0,00 | 0 | MWh |
| E1-5-38.(b) | Fuel Consumption from Crude Oil and Petroleum Products | 135,14 | 8,25 | MWh |
| E1-5-38.(c) | Fuel Consumption from Natural Gas | 5711.295 | 471.2 | MWh |
| E1-5-38.(d) | Fuel Consumption from Other Fossil Sources | 0 | 0 | MWh |
| E1-5-38.(e) | Consumption of Purchased or Acquired Electricity, Heat, Steam, or Cooling from Fossil Sources | 420.625 | 13163.594 | MWh |

Renewable Electricity TAJCO Manufacturing Ningbo Co Ltd

*Table 4: Renewable electricity consumption*

| Renewable Electricity TAJCO Manufacturing Ningbo Co Ltd | |
|---|---|
| 2023 | 2024 |
| 0% | 96.62% |

This report presents a comparative analysis of energy consumption metrics for the years 2024 and 2023. The key findings highlight a significant shift towards renewable energy sources, particularly in the purchase of renewable electricity.

## 2.4 Key Findings

1. **Total Energy Consumption**
   - 2024: 18,367.06 MWh
   - 2023: 18,814.26 MWh
   - There is a slight decrease in total energy consumption in 2024 compared to 2023 decrease in production volume
2. **Energy Consumption from Non-Renewable Sources**
   - 2024: 6,267.06 MWh
   - 2023: 18,814.26 MWh
   - A sharp decline in the consumption of non-renewable energy sources is observed as the in 2024 we have 96.6% renewable electricity
3. **Energy Consumption from Renewable Sources**
   - 2024: 12,100 MWh
   - 2023: 0 MWh
   - There is a significant increase in the use of renewable energy sources in 2024 as in 2024 we have 96.6% electricity sourced from renewable sources
4. **Fuel Consumption Breakdown**
   - **Natural Gas:** 2024: 5,711.29 MWh | 2023: 5,642.42 MWh
   - **Crude Oil & Petroleum Products:** 2024: 135.14 MWh | 2023: 8.25 MWh
5. **Purchased Electricity from Renewable Sources**
   - 2024: 12,100 MWh
   - 2023: 0 MWh
   - A complete transition to purchased renewable electricity was recorded in 2024.
6. **Purchased Electricity from Fossil Sources**
   - 2024: 420.62 MWh
   - 2023: 13,163.59 MWh
   - A significant reduction in electricity purchased from fossil sources.
7. **Percentage of Fossil and Renewable Sources in Total Energy Consumption**
   - **Fossil Sources:** 2024: 34.12% | 2023: 100%
   - **Renewable Sources:** 2024: 65.87% | 2023: 0%
8. **Renewable Electricity Usage at TAJCO Manufacturing Ningbo Co Ltd**
   - 2024: 96.62%
   - 2023: 0%
   - A significant shift towards renewable electricity is observed at this facility.

# 3. Water Management

Effective water management is a critical component of environmental sustainability, particularly in the face of escalating climate change, biodiversity loss, and water scarcity. In alignment with the European Sustainability Reporting Standards (ESRS), this report outlines our organization's approach to water management, emphasizing transparency, accountability, and impact mitigation across the entire value chain.

Water is not only a vital natural resource but also a shared asset that underpins ecological balance, human health, and economic activity. As such, responsible stewardship of water resources is integral to meeting both regulatory requirements and stakeholder expectations. The ESRS guidelines, particularly **ESRS E3 – Water and Marine Resources**, set out clear expectations for organizations to assess, disclose, and manage their water-related impacts, risks, and opportunities.

Through this report, we aim to demonstrate our commitment to safeguarding water resources and contributing to the broader goals of environmental resilience and sustainability. By doing so, we seek to inform stakeholders, comply with the evolving EU Corporate Sustainability Reporting Directive (CSRD), and support the transition to a more sustainable and water-conscious future.

## 3.1 Water Consumption

*Table 5: Water Consumption*

| ESRS Code | Water Consumption data | |
|---|---|---|
| | **Year** | **Data:** Water Consumption (m3 tons) |
| E3-4-28a | 2020 | 69811 |
| E3-4-28a | 2021 | 58642 |
| E3-4-28a | 2022 | 49643 |
| E3-4-28a | 2023 | 44666 |
| E3-4-28a | 2024 | 40723 |

## 3.2 Wastewater Discharge

*Table 6: Water Discharge*

| **ESRS Code** | | | Quantity (t) |
|---|---|---|---|
| E3-4-AR 32 | 2024 | Planting wastewater | 6045 |
| E3-4-AR 32 | | Ni wastewater | 4218 |
| E3-4-AR 32 | | Cr wastewater | 1827 |

# 3.3 Wastewater Discharge Pollutants

## *3.3.1 Heavy Metals and Inorganic Compounds*

*Table 7 : List of Heavy Metals and Inorganic Compounds pollutant discharge*

| ESRS Code | Heavy Metals and Inorganic Compounds: | 2024 Value | 2023 Value | Unit |
|---|---|---|---|---|
| E2-4-28.(a) | Ammonia ($NH_3$) | 0.046 | 0.07349 | ton |
| E2-4-28.(a) | Arsenic and compounds (as As)* | 0 | 0 | ton |
| E2-4-28.(a) | Cadmium and compounds (as Cd)* | 0 | 0 | ton |
| E2-4-28.(a) | Chromium and compounds (as Cr)* | 0.0003 | 0.00075 | ton |
| E2-4-28.(a) | Copper and compounds (as Cu)* | 0 | 0 | ton |
| E2-4-28.(a) | Lead and compounds (as Pb)* | 0 | 0 | ton |
| E2-4-28.(a) | Mercury and compounds (as Hg)* | 0 | 0 | ton |
| E2-4-28.(a) | Nickel and compounds (as Ni)* | 0.0002 | 0.0002675 | ton |
| E2-4-28.(a) | Zinc and compounds (as Zn)* | 0 | 0 | ton |
| E2-4-28.(a) | Cyanides (as total CN) | 0 | 0 | ton |
| E2-4-28.(a) | Total organic carbon (TOC) (as total C or COD/3) | 0 | 0 | ton |
| E2-4-28.(a) | Total nitrogen | 0.04 | 0.052 | ton |
| E2-4-28.(a) | Total phosphorus | 0.001 | 0.0038 | ton |
| E2-4-28.(a) | Fluorides (as total F) | 0 | 0 | ton |
| E2-4-28.(a) | Chlorides (as total Cl) | 6.564 | 14.05 | ton |
| E2-4-28.(a) | Organotin compounds (as total Sn) | 0 | 0 | ton |
| E2-4-28.(a) | Nonylphenol and Nonylphenol ethoxylates (NP/NPEs) | 0 | 0 | ton |
| E2-4-28.(a) | Octylphenols and Octylphenol ethoxylates | 0 | 0 | ton |
| E2-4-28.(a) | Tributyltin and compounds | 0 | 0 | ton |
| E2-4-28.(a) | Triphenyltin and compounds | 0 | 0 | ton |

## *3.3.2 Organic pollutants*

*Table 8: List of Organic pollutant discharge*

| ESRS Code | Organic Pollutants | 2024 Value | 2023 Value | Unit |
|---|---|---|---|---|
| E2-4-28.(a) | Atrazine | 0 | 0 | ton |
| E2-4-28.(a) | Simazine | 0 | 0 | ton |
| E2-4-28.(a) | Diuron | 0 | 0 | ton |
| E2-4-28.(a) | Isoproturon | 0 | 0 | ton |
| E2-4-28.(a) | Trifluralin | 0 | 0 | ton |
| E2-4-28.(a) | Endosulphan | 0 | 0 | ton |
| E2-4-28.(a) | Lindane | 0 | 0 | ton |
| E2-4-28.(a) | Mirex | 0 | 0 | ton |
| E2-4-28.(a) | DDT | 0 | 0 | ton |
| E2-4-28.(a) | Chlordane | 0 | 0 | ton |
| E2-4-28.(a) | Dieldrin | 0 | 0 | ton |
| E2-4-28.(a) | Aldrin | 0 | 0 | ton |

| | | | | |
|---|---|---|---|---|
| E2-4-28.(a) | Endrin | 0 | 0 | ton |
| E2-4-28.(a) | Heptachlor | 0 | 0 | ton |
| E2-4-28.(a) | Chlordecone | 0 | 0 | ton |
| E2-4-28.(a) | Chlorpyrifos | 0 | 0 | ton |
| E2-4-28.(a) | Brominated diphenylethers (PBDE) | 0 | 0 | ton |
| E2-4-28.(a) | Polychlorinated biphenyls (PCBs) | 0 | 0 | ton |
| E2-4-28.(a) | Pentachlorophenol (PCP) | 0 | 0 | ton |
| E2-4-28.(a) | Pentachlorobenzene | 0 | 0 | ton |
| E2-4-28.(a) | Trichlorobenzenes (TCBs) (all isomers) | 0 | 0 | ton |
| E2-4-28.(a) | Trichloroethylene | 0 | 0 | ton |
| E2-4-28.(a) | Trichloromethane | 0 | 0 | ton |
| E2-4-28.(a) | Tetrachloroethylene (PER) | 0 | 0 | ton |
| E2-4-28.(a) | Tetrachloromethane (TCM) | 0 | 0 | ton |
| E2-4-28.(a) | 1,1,1-trichloroethane | 0 | 0 | ton |
| E2-4-28.(a) | 1,1,2,2-tetrachloroethane | 0 | 0 | ton |
| E2-4-28.(a) | 1,2,3,4,5,6-hexachlorocyclohexane (HCH) | 0 | 0 | ton |
| E2-4-28.(a) | 1,2-dichloroethane (EDC) | 0 | 0 | ton |
| E2-4-28.(a) | Dichloromethane (DCM) | 0 | 0 | ton |
| E2-4-28.(a) | Vinyl chloride | 0 | 0 | ton |
| E2-4-28.(a) | Hexachlorobenzene (HCB) | 0 | 0 | ton |
| E2-4-28.(a) | Hexachlorobutadiene (HCBD) | 0 | 0 | ton |
| E2-4-28.(a) | Hexabromobiphenyl | 0 | 0 | ton |

## 3.4 Water Recycling

*Table 9: Water recycling in 2023 & 2024*

| ESRS Code | Name | 2024 Value | 2023 Value | Unit |
|---|---|---|---|---|
| ESRS 3-4 28c | Total water recycled and reused | 1299.38 | 2054.97 | m3 |

Due to the decrease in production volume, we see a decrease in total water recycling.

# 4. Air pollution

The reporting on air pollutants follows the **European Sustainability Reporting Standards (ESRS)**, ensuring standardized and transparent disclosure of emissions. Each pollutant listed in the data is associated with a specific **ESRS Code (E2-4-28.(a))**, which helps in tracking and monitoring pollutant emissions systematically. These codes categorize emissions into **gaseous pollutants** and **particulate & organic pollutants**, providing a structured approach to environmental reporting. By adhering to ESRS guidelines, the data aligns with regulatory and sustainability frameworks, ensuring consistency and comparability in emissions reporting.

| ESRS Code | Gaseous Pollutants: | 2024 Value | 2023 Value | Unit |
|---|---|---|---|---|
| E2-4-28.(a) | Total Air pollutant | 2.80103 | 4.57234 | ton |

## 4.1 Gaseous Pollutants:

*Table 10: List of gaseous pollutant in 2023 & 2024*

| ESRS Code | Gaseous Pollutants: | 2024 Value | 2023 Value | Unit |
|---|---|---|---|---|
| E2-4-28.(a) | Ammonia (NH3) | 0 | 0 | ton |
| E2-4-28.(a) | Carbon monoxide (CO) | 0 | 0 | ton |
| E2-4-28.(a) | Nitrogen oxides (NOx/NO2) | 0.62196 | 0.2978 | ton |
| E2-4-28.(a) | Sulphur oxides (SOx/SO2) | 0.014 | 0.06 | ton |
| E2-4-28.(a) | Hydrogen cyanide (HCN) | 0 | 0 | ton |
| E2-4-28.(a) | Fluorine and inorganic compounds (as HF) | 0 | 0 | ton |
| E2-4-28.(a) | Fluorides (as total F) | 0 | 0 | ton |
| E2-4-28.(a) | Chlorine and inorganic compounds (as HCl) | 0.0766 | 0.0147 | ton |
| E2-4-28.(a) | Non-methane volatile organic compounds (NMVOC) | 0.39888 | 4.11 | ton |

- **Nitrogen oxides (NOx/NO2)** increased from **0.2978 tons in 2023 to 0.62196 tons in 2024**.
- **Sulfur oxides (SOx/SO2)** emissions dropped significantly from **0.06 tons in 2023 to 0.014 tons in 2024**.
- **Chlorine and inorganic compounds (HCl)** increased from **0.0147 tons in 2023 to 0.0766 tons in 2024**.
- **Non-methane volatile organic compounds (NMVOC)** saw a large decline from **4.11 tons in 2023 to 0.39888 tons in 2024**.
- Other gaseous pollutants such as **Ammonia (NH3), Carbon Monoxide (CO), Hydrogen Cyanide (HCN), Fluorine compounds (HF, total F)** all remained at **0 tons** for both years.

## 4.2 Particulate & Organic Pollutants:

*Table 11: List of Particulate & Organic pollutant 2023 & 2024*

| ESRS Code | Particulate and Organic Pollutants | 2024 Value | 2023 Value | Unit |
|---|---|---|---|---|
| E2-4-28.(a) | Particulate matter (PM10) | 0.028 | 0.0254 | ton |
| E2-4-28.(a) | PCDD + PCDF (dioxins + furans) (as Teq)* | 0 | | ton |
| E2-4-28.(a) | Polycyclic aromatic hydrocarbons (PAHs) | 0 | | ton |
| E2-4-28.(a) | Benzene | 0 | | ton |
| E2-4-28.(a) | Xylenes | 0.0146 | 0.02376 | ton |
| E2-4-28.(a) | Toluene | 0.00099 | 0.00324 | ton |
| E2-4-28.(a) | Ethyl benzene | 0 | | ton |
| E2-4-28.(a) | Naphthalene | 0 | | ton |
| E2-4-28.(a) | Fluoranthene | 0 | | ton |
| E2-4-28.(a) | Halons* | 0 | | ton |
| E2-4-28.(a) | Hydrochlorofluorocarbons (HCFCs)* | 0 | | ton |
| E2-4-28.(a) | Chlorofluorocarbons (CFCs)* | 0 | | ton |
| E2-4-28.(a) | Total organic carbon (TOC) (as total C or COD/3) | 1.646 | 0.03744 | ton |

- **Particulate Matter (PM10)** emissions slightly increased from **0.0254 tons in 2023 to 0.028 tons in 2024**.
- **Xylenes** emissions declined from **0.02376 tons in 2023 to 0.0146 tons in 2024**.
- **Toluene** emissions increased slightly from **0.00324 tons in 2023 to 0.00099 tons in 2024**.
- **Total Organic Carbon (TOC)** emissions significantly rose from **0.03744 tons in 2023 to 1.646 tons in 2024**.
- Other organic pollutants such as **Benzene, Polycyclic Aromatic Hydrocarbons (PAHs), Ethyl Benzene, Naphthalene, Fluoranthene, Halons, HCFCs, and CFCs** remained at **0 tons**.

## 4.3 Key Takeaways:

1. **Significant reduction in NMVOC and SOx/SO2 emissions**, indicating improvements in controlling certain volatile and sulfur-based pollutants.
2. **Nitrogen oxides (NOx/NO2) and chlorine-related emissions increased**, highlighting a potential rise in combustion-related pollutants.
3. **A sharp rise in Total Organic Carbon (TOC) emissions**, which may suggest increased organic pollutant contributions.
4. **Stable or zero emissions** for many hazardous organic pollutants, such as dioxins, PAHs, benzene, and halons.

This analysis indicates both improvements and areas of concern in air pollution control efforts from 2023 to 2024.

# 5. Waste Management

In alignment with the European Sustainability Reporting Standards (ESRS), this section outlines our approach to managing waste generated across our operations, with a focus on minimizing environmental impact and enhancing circular economy practices. Effective waste management is a critical component of our environmental stewardship strategy, contributing directly to the protection of natural resources and compliance with applicable environmental regulations.

This disclosure provides a detailed overview of the types and quantities of waste generated, treatment methods employed, and measures taken to prevent, reduce, reuse, and recycle waste in accordance with **ESRS E5 – *Resource use and circular economy***.

*Table 12: Total Waste generated in 2023 & 2024*

| ESRS Code | Name | 2024 Value | 2024 Value | Unit |
|---|---|---|---|---|
| **E5-5-37.(a)** | **Total Waste Generated** | **2984.87** | **3939** | **t** |
| E5-5-37.(b) | Total Waste Diverted from Disposal | 2905.87 | 3804.2 | t |
| E5-5-37.(c) | Total Waste Directed to Disposal | 79.02 | 134.8 | t |
| E5-5-37.(d) | Total Non-Recycled Waste | 79.02 | 134.8 | t |
| E5-5-37.(d) | Percentage of Non-Recycled Waste | 2.65 | 3.4 | % |
| E5-5-39. | Total amount of radioactive waste | 0 | 0 | t |

## 5.1 Hazardous Waste

*Table 13: Total hazardous waste 2023 & 2024*

| ESRS Code | Name | 2024 Value | 2023 Value | Unit |
|---|---|---|---|---|
| **E5-5-39.** | **Total amount of hazardous waste** | 1303.92 | 1845.6 | t |
| E5-5-37.(b) | Hazardous Waste Diverted from Disposal | 1224.9 | 1710.8 | t |
| E5-5-37.(b).i. | Hazardous waste diverted from disposal due to preparation for reuse | 0 | 0 | t |
| E5-5-37.(b).ii. | Hazardous waste diverted from disposal due to recycling | 1145.88 | 1575.97 | t |
| E5-5-37.(b).iii. | Hazardous waste diverted from disposal due to other recovery operations | 0 | 0 | t |
| E5-5-37.(c) | Hazardous Waste Directed to Disposal | 79.02 | 134.8 | t |
| E5-5-37.(c).i. | Hazardous waste directed to disposal by incineration | 46 | 83.6 | t |
| E5-5-37.(c).ii. | Hazardous waste directed to disposal by landfilling | 33.02 | 51.2 | t |
| E5-5-37.(c).iii. | Hazardous waste directed to disposal by other disposal operations | 0 | 0 | t |

## 5.2 Non-Hazardous Waste

*Table 14: Total Non-Hazardous waste 2023 & 2024*

| ESRS Code | Name | 2024 Value | 2023 Value | Unit |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| | **Total Non-Hazardous waste** | 1759.97 | 2228.2 | t |
| E5-5-37.(b) | Non-Hazardous Waste Diverted | 1759.97 | 2228.2 | t |
| E5-5-37.(b).i. | Non-hazardous waste diverted from disposal due to preparation for reuse | 0 | 0 | t |
| E5-5-37.(b).ii. | Non-hazardous waste diverted from disposal due to recycling | 1759.97 | 2228.2 | t |
| E5-5-37.(b).iii. | Non-hazardous waste diverted from disposal due to other recovery operations | 0 | 0 | t |
| E5-5-37.(c) | Non-Hazardous Waste Directed to Disposal | 0 | 0 | t |
| E5-5-37.(c).i. | Non-hazardous waste directed to disposal by incineration | 0 | 0 | t |
| E5-5-37.(c).ii. | Non-hazardous waste directed to disposal by landfilling | 0 | 0 | t |
| E5-5-37.(c).iii. | Non-hazardous waste directed to disposal by other disposal operations | 0 | 0 | t |

## 5.3 Waste Recovery

*Table 15: Total waste recovery*

| ESRS Code | Name | 2024 Value | 2023 Value | Unit |
|---|---|---|---|---|
| **E5-5-37.(c)** | **Total waste recovery** | **2984.87** | **3939** | **t** |

### *5.3.1 Hazardous Waste Recovery*

*Table 16 : Hazardous waste recovery 2023 & 2024*

| ESRS Code | Name | 2024 Value | 2023 Value | Unit |
|---|---|---|---|---|
| **E5-5-37.(c)** | **Hazardous Waste Diverted from Disposal (Waste Recovery)** | **1224.9** | **1710.8** | **t** |
| E5-5-37.(c).i. | Hazardous waste diverted from disposal due to preparation for reuse | 0 | 0 | t |
| E5-5-37.(c).ii. | Hazardous waste diverted from disposal due to recycling | 1145.88 | 1575.97 | t |
| E5-5-37.(c).iii. | Hazardous waste diverted from disposal due to other recovery operations | 0 | 0 | t |

### *5.3.2 Non-Hazardous Waste Recovery*

*Table 17 : Non Hazardous waste recovery 2023 & 2024*

| ESRS Code | Name | 2024 Value | 2023 Value | Unit |
|---|---|---|---|---|
| **E5-5-37.(b)** | **Non-Hazardous Waste from Diverted (Waste Recovery)** | **1759.97** | **2228.2** | **t** |
| E5-5-37.(b).i. | Non-hazardous waste diverted from disposal due to preparation for reuse | 0 | 0 | t |
| E5-5-37.(b).ii. | Non-hazardous waste diverted from disposal due to recycling | 1759.97 | 2228.2 | t |
| E5-5-37.(b).iii. | Non-hazardous waste diverted from disposal due to other recovery operations | 0 | 0 | t |

# 6. Material Usage

Below table shows the material usage for the year 2024. The material in TAJCO Manufacturing Co Ltd has been classified as 1) Stainless steel 2) Alloy Steel 3) Aluminium 4) Copper 5) Welding wire

## 6.1 Stainless Steel

*Table 18: Total Stainless steel usage*

| Year | Stainless Steel Usage |
|---|---|
| 2020 | 7810 |
| 2021 | 7280 |
| 2022 | 6475 |
| 2023 | 4770 |
| 2024 | 3698 |

## 6.2 Alloy Steel

*Table 19: Total Alloy steel usage*

| Year | Alloy Steel Usage |
|---|---|
| 2020 | 43 |
| 2023 | 32 |
| 2024 | 92.1 |

## 6.3 Aluminium

*Table 20 : Total Aluminum Usage*

| Year | Alloy Steel Usage |
|---|---|
| 2020 | 2 |
| 2023 | 0.8 |
| 2024 | 3.3 |

## 6.4 Copper

*Table 21: Total Copper usage*

| Year | Alloy Steel Usage |
|---|---|
| 2020 | 2 |
| 2023 | 0.3 |
| 2024 | 0.4 |

## 6.5 Welding wire

*Table 22: Total Welding wire usage*

| Year | Alloy Steel Usage |
|---|---|
| 2020 | 7 |
| 2023 | 3.2 |
| 2024 | 7.4 |

# 7. Chemical Usage

## 7.1 Paints

*Table 23: Total Paint chemical usage*

| Year | Alloy Steel Usage |
|---|---|
| 2020 | 37 |
| 2023 | 23.8 |
| 2024 | 15.98 |

## 7.2 Plating Chemicals

*Table 24: Total Plating chemical usage*

| Year | Alloy Steel Usage |
|---|---|
| 2020 | 1204 |
| 2023 | 662 |
| 2024 | 1084 |

# 8. Reporting Table

The table below outlines the various sections of the environmental report, which has been prepared in accordance with the European Sustainability Reporting Standards (ESRS) framework. This structured approach ensures that the report aligns with recognized sustainability disclosure requirements, promoting transparency, consistency, and accountability. Each section addresses key environmental aspects as mandated by the ESRS, facilitating stakeholder understanding and regulatory compliance.

*Table 25: Reporting table for framework used*

| Section Name | Page no. | Framework used |
|---|---|---|
| 2. Energy Consumption | 5 | ESRS E1-5 |
| 2.1 Total Energy Consumption | 5 | ESRS E1-5 |
| 2.2 Renewable Energy Consumption | 6 | ESRS E1-5 |
| 2.3 Non-Renewable Energy Consumption | 7 | ESRS E1-5 |
| 3. Water Management | 9 | ESRS E3 |
| 3.1 Water Consumption | 9 | ESRS E3-4-28a |
| 3.2 Water Discharge | 9 | ESRS E3-4-AR-32 |
| 3.3 Wastewater Discharge Pollutant | 10 | ESRS E2-4-28(a) |
| 3.3.1 Heavy Metal & Inorganic pollutant | 10 | ESRS E2-4-28(a) |
| 3.3.2 Organic pollutants | 10 | ESRS E2-4-28(a) |
| 3.4 Water Recycling | 11 | ESRS E3-4-28c |
| 5.Air Pollution | 12 | ESRS E2 |
| 5.1 Gaseous Pollutants | 12 | ESRS E2-4-28(a) |
| 5.2 Particulate & Organic Pollutants | 12 | ESRS E2-4-28(a) |
| 6.Waste Management | 14 | ESRS E5 |
| 6.1 Hazardous Waste | 14 | ESRS E5-5-37(a-d) |
| 6.2 Non-Hazardous Waste | 14 | ESRS E5-5-37 |
| 6.3 Waste Recovery | 15 | ESRS E5-5 |
| 6.3.1 Hazardous Waste Recovery | 15 | ESRS E5-5-37 |
| 6.3.2 Non-Hazardous Waste Recovery | 15 | ESRS E5-5-37 |

# 9. Acknowledgements

This Environmental Report has been thoroughly reviewed and approved by

**Signed by:**
**Christian Oberlechner**
**Vice President Engineering, Procurement, Quality and Sustainability**
28/04/2025