

●Mapping of Emission 2023

Baseline year:		2022
Scope/Category		GHG emissions (t CO ₂ e)
Scope 1		87.3
Scope 2		2003.69
Scope 3		43991
1	Purchased goods and services	39100
2	Capital Goods	665
3	Fuel-and-energy-related activities	Not measured
4	Upstream transportation and distribution	284
5	Waste generated in operations	Not measured
6	Business Travel	224
7	Employee commuting	132
8	Upstream leased assets	-
9	Investments	-
10	Downstream transportation and distribution	3586
11	Processing of sold products	Not measured
12	Use of sold products	Not measured
13	End of life treatment of sold products	Not measured
14	Downstream leased assets	-
15	Franchises	-

●Action Plan:

No	Actions	Implementation date
1	Induction lamp transformation: the lamps and exhaust fans of 28 toilets in the whole plant are equipped with microwave sensors, which will automatically shut down when no one is present. In 2023, about 1800 kWh of electricity have been saved.	2023/10/31
2	All power supply circuits in our plant are equipped with intelligent monitors: It can real-time monitor power consumption in each circuit, timely detect abnormal power consumption, control the waste of power. In 2023 about 66000 kWh have been saved.	2023/5/10
3	Purchase electricity generated from renewable sources to reduce GHG emission for Scope 2, We purchased 5 million kWh of green power from Beijing Electricity Trading Center in early 2024.	2024/3/1

4	Logistics and transportation, In 2022 there were 72% motor transport and 18% air transport for material transportation, in 2023 we Increased the rate of motor transport to 86%, which can reduce about 14% GHG emission in Scope 3.	2023/12/31
5	Required 42 key suppliers to develop emission reduction action plans at the end of 2023, and each of them should reduce emissions by at least 8% annually in order to align with 1.5°C climate ambition plan	2024/4/30
6	Purchase the refrigerant of R32 for all the air-conditioners	2024/5/31