

Key Environmental Performance of the Shiono Group (FY2022)

Utilities Consumption, Energy Consumption and Waste Generation

2023/8/21

Item		SHIONO KORYO KAISHA, LTD. Osaka Manufacturing Site	SHIONO FINESSE, LTD.	SHIONO KORYO KAISHA (TAIWAN) LTD.	SHANGHAI FANGJING FLAVORS & FRAGRANCES CO., LTD.	Total	FY2021	Change from FY2021
Unit								
● Purchased Utilities								
	Electricity Purchased [kWH]	1,859,375	6,121,786	655,771	459,400	9,096,332	8,501,708	594,624
	City Gas [Nm3]	470,785	—	38,203	34,341	543,329	537,225	6,104
	LPG (Liquefied Petroleum Gas) [Nm3]	—	8	—	—	8	5	3
	Municipal Water [m3]	4,726	23,338	5,906	8,933	42,903	59,926	-17,023
	Industrial Water [m3]	44,164	74,614	—	—	118,778	83,250	35,528
	Total Water Withdrawal [m3]	48,890	97,952	5,906	8,933	161,681	143,176	18,505
	Gasoline [ℓ]	76	181	11,706	12,040	24,002	678,786	-654,784
	Kerosene [ℓ]	—	629,201	—	—	629,201	0	629,201
● On-site Renewable Energy Generation								
	Solar Power Generation [kWH]	31,012	38,125	—	—	69,137	66,700	2,437
● Waste Generation								
	General Waste [kg]	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	—
	Non-hazardous Waste [kg]	299,827	43,660	12,400	11,190	367,077	546,811	-179,734
	Hazardous Waste [kg]	21,750	4,374,600	—	1,672	4,398,022	3,065,292	1,332,730
	Waste Cardboard [kg]	17,780	4,960	—	—	22,740	22,310	430
	Copy Paper Consumption [sheets]	330,507	405,500	50,380	60,000	846,387	871,435	-25,048
● Energy Consumption								
	Electricity Purchased [GJ]	6,694	22,038	2,361	2,361	33,454	31,314	2,141
	City Gas [GJ]	21,185	—	1,570	1,411	24,166	23,892	274
	LPG (Liquefied Petroleum C [GJ]	—	1	—	—	1	0	0
	Gasoline [GJ]	3	6	405	416	830	830	-0
	Kerosene [GJ]	0	23,092	—	—	23,092	24,040	-948
	Total [GJ]	27,882	45,137	4,336	4,188	81,543	80,076	1,467