

FY2022 Greenhouse Gas Emissions (Scope 1, 2 and 3)

2023/9/5

Unit: [kg-CO2]

Fiscal Year			2022 Fiscal Year				
Company			SHIONO KORYO KAISHA, LTD.	SHIONO FINESSE, LTD.	SHIONO KORYO KAISHA (TAIWAN), LTD.	SHANGHAI FANGJING FLAVORS & FRAGRANCES CO.,	Total
Scope 1	Direct Emissions (Fuel and Gas)		987,311.8	1,566,710.5	87,484.9	76,836.4	2,718,343.6
Scope 2	Indirect Emissions (Purchased Electricity)		875,594.2	2,938,457.3	335,754.8	237,414.4	4,387,220.7
Scope 3 Category / Scope 1 and 2 Total			1,862,906.0	4,505,167.8	423,239.7	314,250.8	7,105,564.3
1	Purchased Goods and Services	U p s t r e a m	12,140,205.3	9,857,226.2	2,348,480.8	318,959.5	24,664,871.8
2	Capital Goods		192,912.5	910,555.9	47,981.5	2,951.9	1,154,401.8
3	Fuel- and Energy-Related Activities (not included in Scope 1 or 2)		175.3	443.3	27,181.3	15,785.0	43,584.9
4	Upstream Transportation and Distribution		1,292,531.6	4,984.2	124,766.3	23,766.1	1,446,048.2
5	Waste Generated in Operations		150,108.6	272,729.5	31,248.0	5,280.0	459,366.1
6	Business Travel		84,755.9	8,209.7	1,732.6	316.0	95,014.3
7	Employee Commuting		62,896.3	26,554.1	7,620.0	0.0	97,070.5
8	Upstream Leased Assets		187,607.7	16,824.8	17,297.3	3,496.4	225,226.2
9	Downstream Transportation and Distribution	D o w n s t r e a m	146,808.1	3,516.0	121,463.2	0.0	271,787.3
10	Processing of Sold Products		Not Applicable	Not Applicable	Not Applicable	Not Applicable	—
11	Use of Sold Products		Not Applicable	Not Applicable	Not Applicable	Not Applicable	—
12	End-of-Life Treatment of Sold Products		Not Applicable	Not Applicable	Not Applicable	Not Applicable	—
13	Downstream Leased Assets		Not Applicable	Not Applicable	Not Applicable	Not Applicable	—
14	Franchises		Not Applicable	Not Applicable	Not Applicable	Not Applicable	—
15	Investments		Not Applicable	Not Applicable	Not Applicable	Not Applicable	—
Other (Optional)			—	—	—	—	—
Scope 3 Upstream Emissions			14,111,193.2	11,097,527.8	2,606,307.9	370,554.9	28,185,583.7
Scope 3 Downstream Emissions			146,808.1	3,516.0	121,463.2	0.0	271,787.3
Total Scope 3 Emissions			14,258,001.2	11,101,043.8	2,727,771.1	370,554.9	28,457,371.1
Total GHG Emissions			16,120,907.2	15,606,211.6	3,151,010.8	684,805.7	35,562,935.4
Shipment Volume		[kg]	1,845,431.2	59,982.1	556,735.0	1,265,381.0	3,727,529.3
Scope 1 and 2 Emissions Intensity			1.01	75.11	0.76	0.25	1.91
Scope 1, 2 and 3 Emissions Intensity			8.74	260.18	5.66	0.54	9.54