



DCC 2022 ESG Report Appendix



Appendix A

2022 Training Hours Received by Contractors - by Factory

Factory	Training Hours			No. of People at the End of the Year			Average Hours		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mailiao Factory	1,101	106	1,207	1,101	106	1,207	1.00	1.00	1.00
Dafa Factory	1,188	75	1,263	1,188	75	1,263	1.00	1.00	1.00
Kaohsiung Factory	168	15	183	168	15	183	1.00	1.00	1.00
DCCJS	374	62	436	374	62	436	1.00	1.00	1.00
CCDPJ	719	24	743	719	24	743	1.00	1.00	1.00
CCDSG	649	2	651	649	2	651	1.00	1.00	1.00
DCCM	264	7	271	264	7	271	1.00	1.00	1.00
Total	4,463	291	4,754	4,463	291	4,754	1.00	1.00	1.00

Appendix B

2022 DCC Statistics of Number of Environmental Violations and Fines - by Factory

Unit: NT\$10,000

Item	Mailiao Factory		Dafa Factory	
	No. of Cases	Amount	No. of Cases	Amount
Air pollution	1	22.5	1	67.5

Note 1: The incidents disclosed here are mainly deficiencies with fines over NT\$100,000.

Note 2: The remaining pollutants not listed in the table represent no violations in the year.

Note 3: There were no violations with fines over NT\$100,000 for Taipei Company, Kaohsiung Factory, Jiangsu Factory, Panjin Factory, Malaysia Factory and Singapore Factory.

2022 GHG Emissions - by Factory

Unit: kt CO₂e

GHG Type	Mailiao Factory	Dafa Factory	Kaohsiung Factory	DCCJS	CCDPJ	CCDSG	DCCM
Direct GHG emissions(Scope1)	110.6	51.9	35.4	43.2	36.3	46.6	2.7
Indirect GHG emissions(Scope2)	734.6	562.8	46.7	178.0	346.1	192.5	4.4
Total Emissions	845.2	614.7	82.1	221.2	382.5	239.2	7.1
Unit carbon emission (kt CO ₂ e/thousand tons)	0.65	0.83	0.30	1.05	1.80	0.41	0.13

Note 1: GHG emissions in Scope 1 include carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), and hydrofluorocarbons (HFCs); no other gases were emitted.

Note 2: GHG emissions in Scope 2 include carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O); no other gases were emitted.

Note 3: For data of overseas factories, only carbon dioxide (CO₂) emissions were checked in China factories.

Note 4: The global warming potential (GWP) is based on the IPCC Fifth Assessment Report (2013).

Note 5: GHG emission factor: The calculation for Taiwan factories is based on the latest data released by the EPA during inventory. Grid emissions for China were based on the local power grid, while the rest of the emission were calculated based on the "Guidelines for Accounting and Reporting Greenhouse Gas Emissions for Petrochemicals Production Enterprises in China."

2022 SCOPE 3 GHG Emissions - by Category

Unit: kt CO₂e

Category	Category 1 – Purchased Goods and Services	Category 3 – Fuel- and Energy-Related Activities	Category 4 – Upstream Transportation and Distribution	Category 5 – Waste Generated in Operations	Category 6 – Business Travel	Category 7 – Employee Commuting	Category 9 – Downstream Transportation and Distribution
DCC	1,679.81	203.00	26.93	1.86	0.003	0.76	39.24

Note: Scope 3 emissions cover factories in Taiwan. The category for the inventory includes 7 statistical categories: purchased goods and services, upstream transportation and distribution, downstream transportation and distribution, business travel, fuel and energy-related activities, waste generated from operations as well as employee commuting.



2022 Energy Consumption Statistics - by Factory

Unit: Gigajoule (GJ)

Item	Mailiao Factory	Dafa Factory	Kaohsiung Factory	DCCJS	CCDPJ	CCDSG	DCCM
Externally purchased power	1,312,939	730,481	266,401	204,107	281,562	392,710	29,020
Diesel	-	-	-	244	4,349	647	27,676
Natural gas	-	846,875	351,821	373,617	280,581	-	-
Heavy oil/fuel oil	252,601	-	-	-	-	-	-
Coal	-	-	-	-	-	-	-
Externally purchased steam	4,575,847	4,071,603	92,835	2,799,136	972,340	1,514,955	-
Steam sold to external parties	-	-	-	-	1,489	77,121	-
Power sold to external parties	-	-	-	-	-	-	-
Self-generated steam	-	-	-	-	334,402	381,453	19,970
Self-generated power	-	-	-	-	-	-	-
Renewable energy consumption (including wind energy, solar energy, biomass, etc.)	-	-	-	-	-	635	1,691
Renewable energy share	-	-	-	-	-	0.03%	2.92%
Grid power usage percentage	21.38%	12.93%	37.47%	6.04%	18.31%	21.44%	51.19%
Unit product fossil fuel energy use (GJ/ton)	4.73	7.59	2.59	15.98	7.22	3.11	1.08

Note 1: Total energy consumption = diesel + natural gas + heavy oil/fuel oil + coal + externally purchased power + externally purchased steam - power sold to external parties - steam sold to external parties + renewable energy.

Note 2: The calorific value conversion coefficients calculated based on the unit calorific value tables of energy products by the Bureau of Energy, Ministry of Economic Affairs.

Note 3: Renewable energy share = renewable energy use/total energy consumption.

Note 4: Grid power usage percentage = Externally purchased power / total energy consumption usage.



2022 Water Resources Statistics- by Factory

Unit: megaliters (thousand cubic meters)

Item		Mailiao Factory	Dafa Factory	Kaohsiung Factory	DCCJS	CCDPJ	CCDSG	DCCM
Water Withdrawal	(+)Tap water	-	1,723	505	478	611	1,259	85
	(+)Reservoir water	-	-	-	-	-	-	-
	(+)River water	1,125	-	-	-	-	-	-
	(+)Groundwater	-	-	-	-	-	-	-
	(+)Rainwater	56	3	3	56	18	34	2
	(+)Externally Purchased Pure Water	311	287	-	-	146	72	-
	Total Water Withdrawal (A)	1,492	2,013	508	534	775	1,365	87
Recycled Water	Total Recycled Water	26,817	1,964	6,012	5,208	235	7,296	5,887
Water Discharge	(+)Surface Water	-	-	-	-	-	-	8
	(+)Seawater	-	-	-	-	-	-	-
	(+)Third-party Water	748	679	122	208	272	150	-
	Total water discharge (B)	748	679	122	208	272	150	8
	Total COD (kg)	30,111	36,233	4,331	27,496	12,102	55,006	309
Water Consumption	Total water consumption (A-B)	744	1,334	386	326	503	1,215	79
Product capacity (thousand tons) (C)		1,297	744	274	211	213	589	53
Unit product water discharge (B/C)		0.577	0.913	0.445	0.986	1.277	0.255	0.151



2022 Air Pollutant Emissions - by Factory

Unit: metric tons

Item	Mailiao Factory	Dafa Factory	Kaohsiung Factory	DCCJS	CCDPJ	CCDSG	DCCM
Nitrogen Oxides (NOx)	26	39	22	22	21	0.2	-
Sulfur Oxides (SOx)	0.7	2	2.7	4.7	2	-	-
Volatile Organic Compounds (VOC)	59	52	15	130	2	-	0.1
Particulate matter (PM)	1.7	2	1.6	-	0.7	0.5	1

2022 Waste Statistics - by Factory

Unit: metric tons

Item	Mailiao Factory	Dafa Factory	Kaohsiung Factory	DCCJS	CCDPJ	CCDSG	DCCM
General Business Waste Reuse Volume	71	226	243	268	81	5	35
Non-Recovery Treatment Volume of General Business Waste	481	601	229	-	1	59	14
General Business Waste Volume	552	826	473	268	82	64	49
General Business Waste Recovery Rate (%)	13%	27%	51%	100%	98%	8%	72%
Hazardous Business Waste Reuse Volume	-	-	-	5	-	10,735	57
Non-Recovery Treatment Volume of Hazardous Business Waste	-	-	-	2,164	5,880	491	200
Hazardous Business Waste Volume	-	-	-	2,169	5,880	11,227	257
Hazardous Business Waste Recovery Rate (%)	-	-	-	0%	0%	96%	22%
Total Generation of Recovered Waste	71	226	243	272	81	10,740	92
Total Non-Recoverable Waste Generation	481	601	229	2,164	5,882	550	214
Total Factory Waste Generation	552	826	473	2,437	5,963	11,290	306
Waste Recycling Rate (%)	13%	27%	51%	11%	1%	95%	30%
Unit Product Waste Emission Volume (ton/thousand ton)	0.43	1.11	1.72	11.53	28.00	19.16	5.82



Appendix C

2022 Education and Training on Regulatory Compliance and Human Rights - Employee Training Completion Percentage - by Factory

Category	Taipei Company	Mailiao Factory	Dafa Factory	Kaohsiung Factory	DCCJS	CCDPJ	CCDSG	DCCM
Management Role	100%	100%	100%	100%	100%	100%	100%	100%
Non-management Role	100%	100%	100%	100%	100%	100%	100%	100%

Note 1: Management Role - entry-level manager (inclusive) and above; Non-management Role - general employee.

Employee Benefits

"Bonus" Benefits

Bonuses for festivals	Special subsidies	Related allowances for expatriates
1. Bonuses for 3 major holidays - Mid-Autumn Festival, Dragon Boat Festival, and Labor Day 2. Red envelope for the start of Lunar New Year 3. Red envelope for working during Lunar New Year 4. Dividend 5. Year-end bonus 6. Annual pay rise 7. Position rotation allowance 8. Allowance for emergency recall of employees	1. Overtime fees are better than the provisions stipulated in the Labor Standards Act 2. A gold coin given to employees who have served for more than 20 years 3. A gold coin given to retiring employees 4. A full-month wage as a wedding present 5. Employee birth incentive and childcare subsidy 6. Bereavement benefit payment for employees or their families 7. Emergency interest-free salary advance for employees 8. The Self-appropriation of 6+1 New Pension System Reward Program 9. Rural area subsidy	1. Subsidies for expatriates 2. Education subsidy for children of expatriates 3. Allowance for expatriates on long-term assignment



“Non-bonus” Benefits

Healthcare	Job benefits	Self-growth	Parent-child	Life enrichment
1. Labor insurance coverage levels and pension contribution levels are calculated based on full wage 2. Group insurance for employees 3. Free annual health examination 4. Regular special health examination 5. CCPG Good Mood hotline consultation and 2 free annual professional counseling sessions 6. Employees are entitled to paid vaccination leave 7. Occasional stress relief and fitness courses 8. Employee overseas emergency support service 9. Aside from the existing life insurance, accident insurance and occupational accident insurance, employees and their families are covered with medical hospitalization and cancer group insurance in 2022.	1. Subsidies for equipment for employee canteen 2. Free employee uniform and protective equipment 3. Free meals in China factories 4. Overseas training personnel provided with free accommodation and flights to Taiwan 5. Employment priority given to children of employees	1. Group’s internal diverse training 2. External professional training 3. Cadre training for expatriates 4. Free online English and Japanese course 5. Online course for internal lecturers 6. Course for the mentorship system 7. Online course for digital teaching material producers 8. Presentation production course 9. CCPG EMBA magazine online courses	1. CCPG family sports day 2. CCPG ball competitions 3. CCPG Running Together for Good Health activity 4. CCPG hand in hand for beach cleanups 5. Painting CCPG - Parent-child Painting activity 6. Contracted kindergarten discounts 7. CCPG parent-child education seminars 8. Unpaid parental leave	1. Formed Employee Welfare Committee and welfare funds allocated 2. 2-day travel leave with pay per year 3. Subsidies for various types of employee sporting events and activities 4. Subsidies for various types of club activities 5. Subsidies for (retired) employees’ social activities

2022 Health Examination Items for Operations With Special Hazards

Unit: Number of People

Operations for Special Physical Examinations		Operations for Special Physical Examinations		Operations for Special Physical Examinations		Operations for Special Physical Examinations	
Working with Dimethylformamide (DMF)	12	Working with nickel	31	Working with sulfuric acid	34	1,4 Butanediol	10
Working with formaldehyde	10	Working with manganese	4	Working with acetic acid	28	Working with acetonitrile	10
Working with dust	28	Working with mercury	19	Working with sodium hydroxide	37	Working with ethanol	22
Working with ionizing radiation	12	Working with Methylene bisphenyl isocyanate	3	Working with hydrochloric acid	22	Working with vinyl chloride	7
Working in a noisy environment	459	Working with methanol	38	Working with hydrogen peroxide	10	Total	1,158
Working with n-Hexane	14	Working with carbon monoxide	5	Working with allyl alcohol	33		
Working with chromic acid	19	Working with hydrogen sulfide	12	Working with hydroquinone	15		
Working with benzene	226	Working with ammonia	22	Working with vinyl acetate	16		



2022 Occupational Injury Statistics - by Factory

Factory		Taipei Company	Mailiao Factory	Dafa Factory	Kaohsiung Factory	DCCJS	CCDPJ	CCDSG	DCCM	Total
Work-related Injury	Male	0	3	1	0	0	1	3	0	8
	Female	0	0	0	0	0	0	0	0	0
Traffic Accident	Male	1	0	0	0	0	0	0	0	1
	Female	0	0	0	0	0	0	0	0	0
Incident Rate (IR)	Male	1.36	1.00	0.30	0.00	0.00	0.98	1.69	0.00	0.59
	Female	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Absentee Rate (AR)	Male	1.46%	0.36%	1.74%	0.51%	0.46%	0.34%	2.23%	2.21%	1.04%
	Female	0.32%	0.00%	0.88%	0.32%	2.38%	1.35%	1.32%	2.14%	1.45%
Lost Day Rate (LDR)	Male	1.36	12.34	4.49	0.00	0.00	50.95	17.49	0.00	8.87
	Female	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total number of hours worked	Male	147,103	599,465	668,531	410,044	561,043	205,102	354,499	126,704	3,072,491
	Female	113,672	14,433	12,168	15,095	158,511	21,322	59,798	49,589	444,588
No. of high-consequence work-related injuries	Male	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0
No. of Recordable work-related Injuries	Male	1	3	1	0	0	1	3	0	9
	Female	0	0	0	0	0	0	0	0	0
No. of fatalities as a result of work-related injury	Male	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0
Rate of high-consequence work-related injuries	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Female	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Factory		Taipei Company	Mailiao Factory	Dafa Factory	Kaohsiung Factory	DCCJS	CCDPJ	CCDSG	DCCM	Total
Rate of recordable work-related injuries	Male	1.36	1.00	0.30	0.00	0.00	0.98	1.69	0.00	0.59
	Female	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rate of fatalities as a result of work-related injury	Male	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Female	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note 1: As there were no occupational disease incidents in 2022, the occupational disease rate (ODR) is 0.

Note 2: Injury Rate (IR) = Number of work-related injuries / Total number of hours worked x 200,000*.

Note 3: Absence Rate (AR) = (hours of injury leave + sick leave hours) / Total number of hours worked x 100%.

Note 4: Lost Work Day Rate (LDR) = Lost Work Days / Total number of hours worked x 200,000*.

Note 5: Rate of fatalities as a result of work-related injury = No. of fatalities as a result of work-related injury / Total number of hours worked x 200,000*.

Note 6: Rate of high-consequence work-related injuries (excluding fatalities) = No. of high-consequence work-related injuries (excluding fatalities) / Total number of hours worked x 200,000*.

Note 7: Rate of recordable work-related injuries = No. of recordable work-related injuries / Total number of hours worked x 200,000*.

*: Refers to the rate per 100 employees for 50 weeks per year with 40 working hours per week.



Appendix D

2022 Education and Training on Regulatory Compliance and Human Rights - Employee Training Completion Percentage - by Factory

Category	Taipei Company	Mailiao Factory	Dafa Factory	Kaohsiung Factory	DCCJS	CCDPJ	CCDSG	DCCM
Management Role	100%	100%	100%	100%	100%	100%	100%	100%
Non-management Role	100%	100%	100%	100%	100%	100%	100%	100%

Note: Management Role - entry-level manager (inclusive) and above; Non-management Role - general employee.