

GGC Performance Data

Economic						
GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
201-1	Direct Economic Value Generated					
	Sale revenues	Million baht	20,923	25,084	17,719	19,006
	Net sales plus revenues from financial investments and sales of assets	Million baht	21,075	25,200	17,669	18,479
	Economic Value Distributed					
	Employee wages and benefits	Million baht	455	523	439	502
	Operating cost	Million baht	794	904	670	870
	Payments to government: Gross taxes	Million baht	364	472	47	82
	Payments to providers of capital: Dividend payments	Million baht	358	614	358	0
	Community investments	Million baht	6,039,643	10,537,737	9,082,301	8,329,063
	Economic value retained	Million baht	0	22,687	16,155	17,026

Supply Chain Management						
GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
	Supply Chain					
308-1	Percentage of new suppliers that were screened using environmental criteria	% Of new suppliers	100	100	100	100
414-1	Percentage of new suppliers that were screened using social criteria	% Of new suppliers	100	100	100	100
308-1	Supplier Environmental Assessment					
	Percentage of new suppliers that were screened using environmental criteria	% Of new suppliers	100	100	100	100
414-1	Supplier Social Assessment					
	Percentage of new suppliers that were screened using social criteria	%	100	100	100	100

Customer Relation Management						
GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023 ⁽¹⁾	2024
-	Percentage of satisfied clients	%	95	96	96	99
	Data coverage	% Of direct customers	100	100	100	100
	Target of satisfied clients at fiscal year	%	92	95	95	97
	Customer satisfaction results	Score	92	95	95	96
	Data coverage	% Of key clients	100	100	100	100
	Customer satisfaction target at fiscal year	% Of key clients	92	92	92	96
	Average customer engagement	%	7.3	7.4	7.4	6.7

Remarks:

1. Currently, GGC has a policy in place to conduct a bi-annual satisfaction survey to create CRM.

Corporate Governance Code of Conduct

GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
Compliance						
307-1	Non-Compliance with Environmental Laws and Regulations					
	Total number of violations of legal obligations/regulations	Case	0	0	0	0
	Environmental liability accrued at year end	Baht	0	0	0	0
	Significant Fines					
	Total number of case	Case	0	0	0	0
	Total monetary value	Baht	0	0	0	0
	Non-monetary sanctions					
	Total number of case	Case	0	0	0	0
	Case brought through dispute resolution mechanisms					
	Total number of case	Case	0	0	0	0
205-2	Anti-Bribery and Corruption (ABC)					
	ABC has been communicated to governance body members d to governance body members					
	Governance body members that the organization's anti-corruption policies and procedures have been communicated to	Person	N/A	11	11	11
		% Of governance body members	100	100	100	100
	Total number and percentage of governance body members that the organization's anti-corruption policies and procedures have been communicated to, by region					
	Rayong	Person	0	1	1	1
		% Of governance body members	0	9	9	9
	Bangkok	Person	0	10	10	10
		% Of governance body members	0	91	91	91

Corporate Governance Code of Conduct

GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
	Other provinces	Person	0	0	0	0
		% Of governance body members	0	0	0	0
ABC has been communicated to employees						
	Employees that anti-corruption policies and procedures have been communicated to	Person	268	278	279	284
		%	100	100	100	100
Total number and percentage of employees that anti-corruption policies and procedures have been communicated to, by employee category						
	Senior executive (VP) Top management	Person	17	17	18	19
		% Of employees	6	6	6	7
	Management (middle + entry)	Person	79	79	39	43
		% Of employees	29	29	14	15
	Non-management	Person	172	172	222	222
		% Of employees	64	64	80	78
Total number and percentage of employees that anti-corruption policies and procedures have been communicated to, by region						
	Rayong	Person	201	152	152	139
		% Of employees	75	100	54	49
	Bangkok	Person	67	77	78	88
		% Of employees	25	100	28	31
	Other Province	Person	0	49	49	57
		% Of employees	0	100	18	20

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GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
	ABC has been communicated to business partner					
	Business partner that anti-corruption policies and procedures have been communicated to	Person	607	306	380	497
		% Of employees	20	100	100	100
	Total number and percentage of business partner that anti-corruption policies and procedures have been communicated to, by type of business partner					
	Contractors / Suppliers / Service Providers	Person	607	300	380	495
		% Of business partner	20	98	100	100
	Subsidiaries	Person	2	2	0	1
		% Of business partner	100	100	0	100
	Joint ventures (including stakes below 51%)	Person	1	1	1	1
		% Of business partner	100	100	100	50
	Total number and percentage of business partner that anti-corruption policies and procedures have been communicated to, by region					
	Rayong	Person	154	86	100	145
		% Of business partner	25	23.76	26.32	29.11
	Bangkok	Person	378	199	195	267
		% Of business partner	62	54.97	51.32	51.11
	Other provinces	Person	75	77	85	83
		% Of business partner	12	21.27	22.37	16.77

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GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
Governance body members training on ABC						
Governance body member training on Anti-Bribery and Corruption (ABC)	Person	N/A	11	11	11	
	%	N/A	100	100	100	
Total number and percentage of governance body member training on Anti-Bribery and Corruption (ABC) by region						
Rayong	Person	0	1	1	1	
	% Of business partner	0	9	9	9	
Bangkok	Person	0	10	10	10	
	% Of business partner	0	91	91	91	
Other provinces	Person	0	0	0	0	
	% Of business partner	0	0	0	0	
Employees training on ABC						
Employee training on Anti-Bribery and Corruption (ABC)	Person	268	278	279	284	
	%	100	100	100	100	
Total number and percentage of employee training on Anti-Bribery and Corruption (ABC) by employee category						
Senior executive	Person	17	19	18	19	
	% Of employee	6	6.83	6	7	
Management	Person	79	79	39	43	
	% Of employee	29	29	14	15	
Non-management	Person	172	172	222	222	
	% Of employee	64	64	80	78	

Corporate Governance Code of Conduct

GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
Total number and percentage of employee training on Anti-Bribery and Corruption (ABC) by region						
Rayong	Person		201	152	139	139
	% Of employee		75	100	100	48
Bangkok	Person		67	77	85	88
	% Of employee		25	100	100	31
Other provinces	Person		0	49	55	57
	% Of employee		0	100	100	20
Code of Business Conducts: Coverage						
Coverage of codes of conduct has been deployed in the past three years						
Employees	% Of total employees		100	100	100	100
Contractors / Suppliers / Service Providers	% Of total contractors/suppliers/ service providers		100	100	100	100
Subsidiaries	% Of total subsidiaries		100	100	100	100
Joint ventures (including stakes below 51%)	% Of total Joint ventures		100	100	100	50
Coverage of codes of conduct written acknowledgment has been obtained in the past three years						
Employees	% Of total employees		100	100	100	100
Contractors / Suppliers / Service Providers	% Of total contractors/suppliers/ service providers		100	100	100	100
Subsidiaries	% Of total subsidiaries		100	100	100	100

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GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
	Joint ventures (including stakes below 51%)	% Of total Joint ventures	100	100	100	50
	Coverage of codes of conduct training has been provided in the past three years					
	Employees	% Of total employees	100	100	100	100
	Contractors / Suppliers / Service Providers	% Of total contractors/suppliers/service providers	N/A	100	100	100
	Subsidiaries	% Of total subsidiaries	100	100	100	100
	Joint ventures (including stakes below 51%)	% Of total Joint ventures	100	100	100	50
206-1	Anticompetitive Practices					
	Total amount of any fines or settlements related to antitrust/anticompetitive business practices (excluding legal fees)	Baht	0	0	0	0
	Amount of contingent liabilities for ongoing antitrust/anticompetitive investigations	% Of total revenues	0	0	0	0
		% Of total revenues	0	0	0	0
205-3, 206-1	Reporting on breaches					
	Number of breaches reporting					
	Code of Conduct Complaints	Case	1	0	2	0
	Corruption/ Fraud	Case	0	0	0	0
	Privacy	Case	0	0	0	0
	Regulatory compliance	Case	1	0	1 ⁽¹⁾	0
	Corporate compliance	Case	0	0	0	0
	Antitrust/Anticompetitive	Case	0	0	0	0
Discrimination	Case	0	0	0	0	

Corporate Governance Code of Conduct

GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
	Conflicts of Interest	Case	0	0	0	0
	Money Laundering or Insider trading	Case	0	0	0	0
406-1	Sexual harassment	Case	0	0	0	0
	Non-sexual harassment	Case	0	0	1	0
205-3, 206-1	Number of Code of Conduct Breaches ongoing investigation in the reporting year					
	Code of Conduct Complaints	Case	1	0	2	0
	Corruption/ Fraud	Case	0	0	0	0
	Privacy	Case	0	0	0	0
	Regulatory compliance	Case	1	0	1 ⁽¹⁾	0
	Corporate compliance	Case	0	0	0	0
	Antitrust/Anticompetitive	Case	0	0	0	0
	Discrimination	Case	0	0	0	0
	Conflicts of Interest	Case	0	0	0	0
	Money Laundering or Insider trading	Case	0	0	0	0
406-1	Sexual harassment	Case	0	0	0	0
	Non-sexual harassment	Case	0	0	1	0
205-3, 206-1	Number of confirmed cases of code of conduct breaches					
	Code of Conduct Complaints	Case	1	0	1	0
	Corruption/ Fraud	Case	0	0	0	0
	Privacy	Case	0	0	0	0
	Regulatory compliance	Case	1	0	0 ⁽¹⁾	0
	Corporate compliance	Case	0	0	0	0
	Antitrust/Anticompetitive	Case	0	0	0	0
	Discrimination	Case	0	0	0	0
	Conflicts of Interest	Case	0	0	0	0
	Money Laundering or Insider trading	Case	0	0	0	0
406-1	Sexual harassment	Case	0	0	0	0
	Non-sexual harassment	Case	0	0	1	0
	Information Security Breaches	Case	0	0	0	0

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GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
	Total Number of clients, customers and employees affected by the Information Security Breaches	Person	0	0	0	0
206-1	Details of actions taken against the substantiated cases					
	Verbal warning	Case	1	0	0	0
	Written warning	Case	0	0	0	0
	Dismissal	Case	0	0	1	0
	Other	Case	0	0	0	0
2-27	Total number of significant instances of non-compliance with laws and regulations during the reporting period					
	Instances for which fines were incurred					
	Total number of cases	Case	0	0	0	0
	Corruption	Case	0	0	0	0
	Social and community	Case	0	0	0	0
	Environmental	Case	0	0	0	0
	Occupational health & safety	Case	0	0	0	0
	Product and packages	Case	0	0	0	0
	Human rights	Case	0	0	0	0
2-27	Instances for which non-monetary sanctions were incurred					
	Total number of cases	Case	0	0	0	0
	Corruption	Case	0	0	0	0
	Social and community	Case	0	0	0	0
	Environmental	Case	0	0	0	0
	Occupational health & safety	Case	0	0	0	0
	Product and packages	Case	0	0	0	0
	Human rights	Case	0	0	0	0
2-27	Total number of significant instances of non-compliance with laws and regulations during the reporting period					
	Fines for instances of non-compliance with laws and regulations that occurred in the current reporting period					
	Total monetary value	Baht	0	0	0	0
	Corruption	Baht	0	0	0	0
	Social and community	Baht	0	0	0	0
	Environmental	Baht	0	0	0	0

Corporate Governance Code of Conduct						
GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
	Occupational health & safety	Baht	0	0	0	0
	Product and packages	Baht	0	0	0	0
	Human rights	Baht	0	0	0	0

Remarks:

1. During the investigation, the reported case related to regulatory compliance was withdrawn by the complainant due to a lack of solid evidence.

Corporate Governance						
GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
Corporate Governance						
2-9	Board Structure					
	Total number of board members	Number	11	11	11	11
	Number of executive directors	Number	1	1	1	1
	Number of non-executive directors (excl. independent directors)	Number	3	3	3	3
	Number of independent directors ^[7]	Number	7	7	7	7
2-11	Non-executive Chairman/Lead Director					
	Number of years that company adopt approach the Chairman is non-executive and independent	Year	0	0	0	0
2-9	Board Effectiveness					

Corporate Governance						
GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
	Average board meeting attendance	% Of meetings of board of directors/ supervisory board	96.25	98.7	96.36	96.54
	Minimum of attendance for all members required, at least	%	75	75	75	75
	Number of non-executive/ independent directors with 4 or less other mandates	Number	8	7	7	7
	Number of other mandates for non-executive/independent directors restricted to	Number	4	4	3	3
2-9	Average Tenure					
	Average tenure of board members in years	Year	3	3	3	3
	Board Industry Experience					
	Number of board members that have relevant working experience in company's sector according to GICS level 1 sector classification	Number	5	2	3	3
	Executive Compensation - alignment with long-term performance					
The percentage of the short-term	%	N/A	N/A	N/A	N/A	

Corporate Governance

GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
	bonus differed in the form of shares					
	The longest performance period covered by your executive compensation plan	Year	N/A	N/A	N/A	N/A
	The longest time vesting period for variable CEO compensation	Year	N/A	N/A	N/A	N/A
2-21	Transparency of executive compensation					
	Total compensation of CEO	Baht	9,691,021	11,374,578	8,005,294.47	8,765,696.40
	Salary of CEO	Baht	6,446,928	7,003,657	5,764,184.32	5,860,870.60
	Bonus of CEO	Baht	2,745,037	3,737,533	1,454,449.15	2,025,693.60
	Provident fund of CEO	Baht	499,055	633,389	786,661.00	879,130.80
	Total compensation of executive (except the CEO)	Baht	87,518,224	114,128,442	81,114,837	88,889,105
	Salary of executive (except the CEO)	Baht	54,132,454	75,340,165	64,489,756.68	65,637,331
	Bonus of executive (except the CEO)	Baht	28,180,722	33,678,220	10,988,121.20	16,654,486.82
	Provident fund of executive (except the CEO)	Baht	5,205,048	5,110,057	5,636,959.42	6,597,286.68
	Total compensation of executive (executive vice president)	Baht	N/A	N/A	N/A	N/A
	Salary of executive (executive vice president)	Baht	N/A	N/A	N/A	N/A

Corporate Governance

GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
	Bonus of executive (executive vice president)	Baht	N/A	N/A	N/A	N/A
	Provident fund of executive (senior vice president)	Baht	N/A	N/A	N/A	N/A
	Total compensation of executive (senior vice president)	Baht	N/A	N/A	N/A	N/A
	Salary of executive (senior vice president)	Baht	N/A	N/A	N/A	N/A
	Bonus of executive (senior vice president)	Baht	N/A	N/A	N/A	N/A
	Provident fund of executive (senior vice president)	Baht	N/A	N/A	N/A	N/A
2-21	Disclosure of Median or Mean Compensation of all Employees & CEO Compensation					
	Median annual compensation of all employees, except the CEO	Baht	1,281,646.9	1,264,321.10	1,071,335.84	1,443,445.06
	Mean annual compensation of all employees, except the CEO	Baht	1,841,865.3	1,537,680.51	1,278,833.63	1,212,168.64
	Ratio of the total annual compensation of the CEO and median employee compensation	Baht	7.56	8.76	7.47	7.23
	Ratio of the total annual compensation	Baht	5.26	8.99	6.26	6.07

Corporate Governance						
GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
	of the CEO and mean employee compensation					
	Management Ownership					
	Number of a company share that CEO hold	Times of the annual base salary	N/A	N/A	N/A	N/A
	Average across other executive committee members hold company shares	Times of the annual base salary	N/A	N/A	N/A	N/A
	Management Ownership Requirement					
	Number of a company share that CEO hold	Times of the annual base salary	N/A	N/A	N/A	N/A
	Other members of the executive committee besides the CEO have to build up a share ownership	Times of the annual base salary	N/A	N/A	N/A	N/A
	Government Ownership					
	The total percentage of government ownership (sum of % of individual governmental institutions owning more than 5% of voting rights)	%	16.85	16.85	16.85	16.85
	Family Ownership					
Total percentage of voting right that (founding) family	Total % of voting rights of the company	N/A	N/A	N/A	N/A	

Corporate Governance						
GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
	members individually have more than 5% of the voting rights.					
	Dual Class Shares					
	Amount of shares with no vote	Number of vote per share	3,543,900	3,543,900	4,061,657	3,840,801
	Amount of shares with one vote	Number of share	1,020,122,800	1,020,122,800	1,023,666,700	1,023,666,700
	Voting Power (= Votes per share x Amount of Share)	Total number of vote	1,023,666,700	1,023,666,700	1,023,666,700	1,023,666,700
	Risk and Crisis Management					
	Risk Governance					
	Number of non-executive members of board of directors/ supervisory board with expertise in (enterprise) risk management	Person	6	11	10	10

Social Reporting

GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
-	Social Reporting - Coverage					
	Coverage of publicly available social data	% Of business operations	100	100	100	100

Human Capital

GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
2-7	Worker									
	Total worker ⁽¹⁾	Person	308		319		320		326	
		Person	192	116	196	123	193	127	196	130
	Total employee ⁽²⁾	Person	268		278		279		284	
		Person	186	82	185	93	183	96	185	99
	Contractor ⁽³⁾	Person	1,970		41		41		42	
		Person	1,270	700	11	30	10	31	11	31
	Others (please specify if any)	Person	40		0		0		0	
	Person	6	34	0	0	0	0	0	0	
2-7	Total employee by area									
	Rayong	Person	165	36	113	39	104	35	103	38
	Bangkok	Person	21	46	26	51	29	56	32	56
	Other provinces	Person	N/A	N/A	46	3	50	5	50	5
	Total employee by employment contract and by area									
	Permanent contract ⁽⁴⁾	Person	186	82	185	93	183	96	185	99
	Rayong	Person	165	36	113	39	104	35	103	38
	Bangkok	Person	21	46	26	51	29	56	32	56
	Other provinces	Person	N/A	N/A	46	3	50	5	50	5

Human Capital

GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
	Temporary contract ⁽⁵⁾	Person	0	0	0	0	0	0	0	0
	Rayong	Person	0	0	0	0	0	0	0	0
	Bangkok	Person	0	0	0	0	0	0	0	0
	Other provinces	Person	N/A	N/A	0	0	0	0	0	0
	Non-guaranteed hours employees	Person	0	0	0	0	0	0	0	0
	Rayong	Person	0	0	0	0	0	0	0	0
	Bangkok	Person	0	0	0	0	0	0	0	0
	Other provinces	Person	0	0	0	0	0	0	0	0
	Total employee by employment type									
	Full-time	Person	186	82	185	93	183	96	185	99
	Rayong	Person	N/A	N/A	113	39	104	35	109	38
	Bangkok	Person	N/A	N/A	26	51	29	56	32	56
	Other provinces	Person	N/A	N/A	46	3	50	5	3	5
	Part-time	Person	0	0	0	0	0	0	0	0
	Rayong	Person	0	0	0	0	0	0	0	0
	Bangkok	Person	0	0	0	0	0	0	0	0
	Other provinces	Person	0	0	0	0	0	0	0	0
405-1	Total employee by employee category (level)									
	Executive (Level 13-18)	% Of total employees	4.85	1.49	3.96	1.44	5.02	1.79	4.58	2.11
		Person	13	4	11	4	14	5	13	6
	Middle management (Level 10-12)	% Of total employees	7.09	4.10	8.27	4.68	8.60	4.66	10.21	5.63
		Person	19	11	23	13	24	13	29	16

Human Capital

GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
	Senior (Level 8-9)	% Of total employees	11.19	7.09	11.51	6.47	10.04	6.09	10.92	6.69
		Person	30	19	32	18	28	17	31	19
	Employee (Level 7 and below)	% Of total employees	46.27	17.91	42.81	20.86	41.22	21.51	39.44	20.42
		Person	124	48	119	58	115	60	112	58
	Unclassified ⁽⁶⁾	% Of total employees	N/A	N/A	N/A	N/A	1.08	N/A	-	-
		Person	N/A	N/A	N/A	N/A	3	N/A	0	0
Total employee by age group										
<30 years	% Of total employees		-	-	8.27	10.07	7.17	7.89	6.69	6.69
			-		18.35		15.05		13.38	
	Person		-	-	23	28	20	22	19	19
			-		51		42		38	
30 - 50 years	% Of total employees		-	-	50.72	21.94	49.10	24.73	46.83	26.06
			-		72.66		73.84		72.89	
	Person		-	-	141	61	137	69	133	74
			-		202		206		207	
>50 years	% Of total employees		-	-	6.83	1.44	9.32	1.79	11.62	2.11
			-		8.27		11.11		13.73	
	Person		-	-	19	4	26	5	33	6
			-		23		31		39	
Total employee hire by nationality										
Thai	Person		268		278		279		284	
	% Of total employees		100		100		100		100	
Others	Person		0		0		0		0	
	% Of total employees		0		0		0		0	

Human Capital

GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
	Total management employee by nationality									
	Thai	Person	N/A		15		19		19	
		% Of total management employees	N/A		100		100		100	
	Others	Person	0		0		0		0	
		% Of total management employees	0		0		0		0	
	People with disability									
	People with Disability	Person	3.73		0		0		0	
		% Of total employees	10		0		0		0	
401-1	New Employee									
	New employee	Person	38		42		23		18	
			19	19	17	25	10	13	9	9
	New hire rate	% Of total employees	14.18		15.11		8.24		6.34	
			7.09	7.09	6.16	9.06	3.58	4.66	4.86	9.09
	Percentage of open positions filled by internal candidates	Person	4		5		7		5	
			2	2	3	2	4	3	2	3
		% Of total employees	1.49		1.80		2.51		1.76	
			0.75	0.75	1.08	0.72	1.43	1.08	0.70	1.06
	Average hiring cost / FTE in the last fiscal year	Baht/FTE	44,880.00		64,666.43		22,111.66		218,875.50	
	New employee by area									
	Rayong	Person	14	5	6	10	5	2	2	3
		% Of total employees	5.22	1.87	2.17	3.62	1.79	0.72	0.70	1.06

Human Capital

GRI Standards	Required Data	Unit	Data Collection Period								
			2021		2022		2023		2024		
			Male	Female	Male	Female	Male	Female	Male	Female	
	Bangkok	Person	5	14	11	15	5	11	5	6	
		% Of total employees	1.87	5.22	3.99	5.40	1.79	3.94	1.763	2.11	
	Other provinces	Person	0	0	0	0	0	0	2	0	
		% Of total employees	0	0	0	0	0	0	0.70	0	
	New employee hire by age group and gender										
	<30 years	Person	2	11	5	15	1	5	4	6	
		% Of total employees	0.75	4.10	1.81	5.43	0.36	1.79	1.41	2.11	
	30 - 50 years	Person	12	7	11	10	7	8	5	3	
		% Of total employees	4.48	2.61	3.99	3.62	2.51	2.87	1.76	1.06	
	>50 years	Person	5	1	1	0	2	0	0	0	
		% Of total employees	1.87	0.37	0.36	0	0.72	0	0	0	
	401-1	Turnover									
Total employee turnover rate	Person	12	7	16	14	9	11	8	6		
		19		30		20		14			
	% Of total employees	4.86	2.83	5.76	5.04	3.23	3.94	2.82	2.11		
		7.09		10.79		7.17		4.93			
Voluntary and Non-Voluntary employee turnover rate	Person	12	7	16	14	9	11	8	6		
		19		30		20		14			
	% Of total employees	4.86	2.83	5.76	5.04	3.23	3.94	2.82	2.11		
		7.09		10.79		7.17		4.93			
Turnover rate by age group and gender											
< 30 years	Person	3	0	4	6	2	6	1	3		
	% Of total employees	1.21	0	1.44	2.16	0.72	2.15	0.35	1.06		
30 - 50 years	Person	8	7	12	8	7	5	7	3		

Human Capital

GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
		% Of total employees	2.99	2.61	4.32	2.88	2.51	1.79	2.46	1.06
	> 50 years	Person	1	0	0	0	0	0	0	0
		% Of total employees	0.37	0	0	0	0	0	0.00	0.00
	Turnover by area and gender									
	Rayong	Person	6	1	8	3	1	3	5	1
		% Of total employees	2.24	0.37	2.88	1.08	0.36	1.08	1.76	0.35
Bangkok	Person	6	6	4	11	2	7	3	5	
	% Of total employees	2.24	2.24	1.44	3.96	0.72	2.51	1.06	1.76	
	Other provinces	Person	0	0	4	0	6	1	0	0
		% Of total employees	0	0	1.44	0	2.15	0.36	0.00	0.00
401-2, 401-3	Parental Leave									
	Number of employees entitled to parental leave	Person	179	81	185	93	183	96	185	99
	Number of employees taking parental leave	Person	3	4	3	2	8	4	7	2
	Number of employees returning to work after parental leave	Person	3	4	3	2	8	4	7	2
	Number of employees returning to	Person	3	4	3	2	8	4	7	2

Human Capital

GRI Standards	Required Data	Unit	Data Collection Period									
			2021		2022		2023		2024			
			Male	Female	Male	Female	Male	Female	Male	Female		
	work after parental leave who were still employed for 12 months after returning											

Human Capital

GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
	Employee returning to work retention rate	% Of total employees taking parental leave	100	100	100	100	100	100	100	100
404-3	Types of Performance Appraisal									
	Management by objectives: systematic use of agreed measurable targets by line superior	% Of all employees	N/A	N/A	100	100	100	100	100	100
	Multidimensional performance appraisal	% Of all employees	N/A	N/A	100	100	100	100	100	100
	Formal comparative ranking of employees within one employee category	% Of all employees	N/A	N/A	100	100	100	100	100	100
404-3	Employee Receiving Regular Performance and Career Development Reviews (Excl. People in Unclassified ^[6] Group)									
	Executive	Person	13	4	11	4	13	6	13	6
		%	100	100	73	27	68	32	68	32
	Middle Management	Person	19	11	23	13	24	13	29	16
		%	100	100	64	36	89	48	64	36
	Senior	Person	30	19	32	18	28	17	31	19
		%	100	100	64	36	62	38	62	38
	Employee (Level 7 and below)	Person	124	48	119	58	115	60	112	5
%		100	100	67	33	66	34	66	34	

Human Capital

GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
405-1	Gender Diversity and Equal Remuneration									
	Women in workforce	Person	82		92		96		99	
		% Of total workforce	30.60		33.09		34.41		34.86	
		% Target at fiscal year	30		31		32		34	
	Women in Management positions	Person	15		17		19		22	
		% Of total management workforce	31.25		32.08		32.20		34.38	
		% Target at fiscal year	30		31		32		34	
	Women in top management positions	Person	4		4		5		6	
		% Of total top management positions	26.67		25.00		29.41		31.6	
		% Target at fiscal year	25		26		27		30	
	Women in junior management positions	Person	11		13		14		16	
		% Of total junior management positions	35.48		36.11		34.15		35.56	
		% Target at fiscal year	30		31		32		35	

Human Capital

GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
	Women in management positions in revenue generating functions	Person	2		4		7		8	
		% Of total managers in revenue generating functions	16.67		28.57		44.44		47.06	
		% Target at fiscal year	20		25		30		35	
	Women in STEM-related positions ^[8]	Person	26		28		30		33	
		% Of total STEM-related positions	36.84		41.67		44.07		48.52	
		% Target at fiscal year	30		31		32		35	
	Number of women on board of directors/supervisory board	Person	1		1		2		2	
		% of total Board of Directors	9.09		9.09		18.18		18.18	
	405-2	Gender Pay: Ratio Salary								
Executive (Level 13-18): Base Salary		Ratio	1.00	0.78	1.00	1.22	1.00	0.87	1.00	0.74
		Baht	N/A	N/A	3,405,482.49	4,155,555.00	3,418,134.00	2,967,579.39	4,063,581.76	3,003,917.75
Executive (Level 13-18): Base salary + other cash incentives		Ratio	1.00	0.84	1.00	1.39	1.00	0.93	1.00	0.74
		Baht	N/A	N/A	5,536,999.44	7,710,953.65	4,863,599.43	4,526,962.12	5,246,862.66	3,857,423.01

Human Capital

GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
	Management (Level 11-12): Base salary	Ratio	1.00	0.95	1.00	1.04	1.00	0.90	1.00	0.91
		Baht	N/A	N/A	1,555,339.85	1,617,443.52	1,577,576.62	1,415,800.82	1,813,317.90	1,642,152.13
	Management (Level 11-12): Base salary + other cash incentives	Ratio	1.00	0.87	1.00	0.95	1.00	0.89	1.00	0.85
		Baht	N/A	N/A	3,104,846.72	2,940,271.43	2,377,665.26	2,126,582.81	2,499,591.58	2,120,834.90
	Non-management (Level 9-10 and below): Base salary	Ratio	1.00	0.97	1.00	1.06	1.00	0.98	1.00	0.93
		Baht	N/A	N/A	1,018,906.42	1,075,784.00	1,108,003.43	1,081,468.82	1,134,119.16	1,055,559.00
	Non-management (Level 9-10 and below): Base salary + other cash incentives	Ratio	1.00	0.93	1.00	0.89	1.00	0.85	1.00	0.84
		Baht	N/A	N/A	2,215,225	1,961,434	1,905,782.28	1,629,261.86	1,751,788.81	1,474,707.50
	Staff P3 Below (Level 8 below): Base Salary	Ratio	1.00	1.01	1.00	1.00	1.00	0.99	1.00	0.98
		Baht	N/A	N/A	488,037	440,083	524,183.01	516,939.78	528,552.20	518,735.59
	Staff P3 Below (Level 8 Below): Base salary + other cash incentives	Ratio	1.00	0.78	1.00	0.66	1.00	0.67	1.00	0.67
		Baht	N/A	N/A	1,339,198	883,424	1,172,572.55	789,059.57	1,111,012.87	749,361.89

Human Capital

GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
2-30	Labor Practice indicators									
	Employees represented by an independent trade union	%	100		100		100		100	

Human Capital

GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
201-1	Training and Development									
	Quantitative financial benefit of employee development investments	Million baht	N/A		N/A		N/A		6.50	
	Resulting HC ROI	-	2.79		3.15		0.92		1.62	
404-1	Average hours per FTE of training and development	Hour/person/year	30.12		27.53		62.98		48.5	
	Average amount spent per FTE on training and development	Baht/ person / year	14,987.94		17,540		14,183.66		17,501	
	Total investment on employees training	Million baht	2.49	1.52	3.17	1.60	1.58	0.83	3.16	1.70
	Average hours of training by employee category (management level) and gender									
	Executive (Level 13-18)	Hour /person /year	23.00	47.00	29.70	26.00	22.07	22.00	23.16	21.00
	Middle management (Level 10 -12)	Hour /person /year	21.30	36.00	27.40	26.80	35.36	34.20	28.76	25.45
	Senior (Level 8-9)	Hour /person /year	31.52	12.38	22.50	21.20	56.68	54.40	45.08	43.79

Human Capital

GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
	Employee (Level 7 and below)	Hour /person /year	23.54	15.21	29.70	27.80	75.73	73.38	63.67	61.31
Average hours of training by age group and gender										
	< 30 years	Hour /person /year	20.00	13.65	29.55	28.61	84.45	80.37	43.01	45.54
	30 - 50 years	Hour /person /year	24.53	26.12	27.19	30.45	63.44	59.42	5.82	10.46
	> 50 years	Hour /person /year	19.37	22.88	19.86	18.71	30.16	29.87	25.81	129.03
Average hours of training by type of training (mandatory/non-mandatory)										
	Average hours of mandatory training	Hour/person/ year	17.63	10.14	17.33	17.33	20.17	20.17	9.25	4.74
	Average hours of non-mandatory training	Hour/person/ year	5.18	9.1	9.61	9.61	29.08	29.08	40.99	25.58
Average employee training spent by type (mandatory/non-mandatory)										
	Average amount spent of mandatory training	Baht/ person/ year	624.73	624.73	3,725.62	3,725.62	3,168.48	3,168.48	2,416.18	1,235.60
	Average amount spent of non-mandatory training	Baht/ person/ year	9,358.71	9,358.71	13,432.93	13,432.93	7,430.96	7,430.96	14,311.83	8,850.08
Average employee training spent by age group										
	< 30 years	Baht/ person/ year	2,402	9,378	2,163	11,850	11,741	11,741	14,320	15,162
	30 - 50 years	Baht/ person/ year	1,756	13,537	14,740	2,921	9,957	29,726	1,938	3,483

Human Capital

GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
	> 50 years	Baht/ person/ year	15,937	34,545	44,722	43,561	13,722	13,722	8,592	42,960
	Resulting HC ROI: (a-(b-c))/c	Ratio	2.79		3.15		0.92		1.62	
	Total Employees	Person	268		278		279		284	
Employee Engagement										
	Employee engagement result	% Of actively engaged employees	49		46		52		52	
		Person	178	71	97	20	101	36	102	38
	Employee engagement target	% Of actively engaged employees	58		61		60		60	
	Data Coverage	% Of employees who respond to the survey	92.91		90.65		94.27		95.07	
Employee engagement by age group and gender										
	Under 25 years	% Of total employees	5.79	0	0	0	0	0	0	0
	25 - 34 years	% Of total employees	26.45	4.96	30.93	35.00	55	37	55	35
	35 - 44 years	% Of total employees	32.23	7.44	36.08	45.00				
	45 - 54 years	% Of total employees	15.70	3.31	25.77	20.00	58	61	57	35
	55 years and above	% Of total employees	3.31	0.83	6.19	0	0	0	0	0
Employee engagement by management level										
	Executive (Level 13-18)	% Of total employees	5.79	1.65	4.32	0	3.58	0	0	0

Human Capital

GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
	Middle management (Level 10 -12)	% Of total employees	5.79	1.65	6.49	3.23	4.66	2.87	7.39	4.58
	Senior (Level 8-9)	% Of total employees	7.44	5.79	4.32	7.53	3.94	4.30	5.26	2.11
	Employee (Level 7 and below)	% Of total employees	64.46	7.44	35.14	8.60	24.01	13.62	21.83	6.69

Corporate Social Responsibility						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
Corporate Social Responsibility						
	Philanthropic Activities					
	Total contribution	Million baht	6,039,643	10,537,737	7,161,547.00	8,329,063.00
	Charitable donations	Million baht	181,189.29	1,369,905.81	1,647,155.81	676,645
		% Of total costs	3	13	23	8
	Community investments	Million baht	1,268,325.03	1,159,151.07	859,385.64	1,345,610
		% Of total costs	21	11	12	16
	Commercial initiatives	Million baht	4,590,128.68	8,008,680.12	4,655,005.55	6,297,808
		% Of total costs	76	76	65	76
	Input					
	Management overheads	Million baht	4,061,258	7,048,174	6,759,638	7,828,068
	Employee volunteering time during paid working hours	Million baht	583,354	590,831	401,909	500,995
		Hour	N/A	N/A	1,049	789
	Cash contribution	Million baht	1,219,328	1,545,397	2,116,885	1,530,260
	Products or services donations	Million baht	175,703	296,847	242,753	877,808

Corporate Social Responsibility						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
413-1	Local Community					
	Percentage of operations with implemented local community engagement, impact assessments, and/or development programs	%	N/A	90	90	90
	Community and Social Satisfaction	%	91.27	91.40	92.28	92.64
	Community and Social Satisfaction target at fiscal year	%	84	84	84	84

Remarks:

2. Total worker is total employees including contractors and other persons working for GGC.
3. Total employee is total workforce for GGC.
4. Worker (exclude employee) refers to significant workers that are contractors.
5. Permanent contractor is a permanent employment contract is a contract with an employee for full-time or part-time work for an indeterminate period.
6. Temporary contract is of limited duration and terminated by a specific event, including the end of a project or work phase or return of replaced personnel.
7. Unclassified means employees who serve the Company on contract as advisors, experts and specialists.
8. GGC Independent director criteria which are aligned with the SAM's criteria (S&P Definition)
9. STEM stand for Science, Technology, Engineering and Mathematics. Positions include, but are not limited to, the following: computer programmer, web developer, statistician, logistician, engineer, physicist and scientist

Health & Safety										
GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
403-8	Workers Covered by An Occupational Health and Safety Management System									
	Employee									
	Covered by an occupational health and safety management system	Person	182	82	180	86	176	94	185	99
		%	100	100	100	100	100	100	100	100
	Covered by such a system that has been internally audited	Person	179	80	177	84	176	94	185	99
		%	100	100	100	100	100	100	100	100
	Covered by such a system that has been audited or certified by an external party	Person	179	80	177	84	176	94	185	99
		%	100	100	100	100	100	100	100	100
	Contractors ⁽³⁾									
	Covered by an occupational health and safety management system	Person	13,262	3,282	3,399	916	4,442	503	5,403	848
%		100	100	100	100	100	100	100	100	

Health & Safety										
GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
	Covered by such a system that has been internally audited	Person	13,262	3,282	3,399	916	4,442	503	5,403	848
		%	100	100	100	100	100	100	100	100
	Covered by such a system that has been audited or certified by an external party	Person	13,262	3,282	3,399	916	4,442	503	5,403	848
		%	100		100		100		100	
403-9	Fatalities As A Result of Work-Related Injury									
	Employee	Case	0		0		0		0	
			0	0	0	0	0	0	0	0
	Rayong	Case	0	0	0	0	0	0	0	0
	Bangkok	Case	0	0	0	0	0	0	0	0
	Other provinces	Case	0	0	0	0	0	0	0	0
	Contractors ⁽³⁾	Case	0		0		0		0	
			0	0	0	0	0	0	0	0
	Rayong	Case	0	0	0	0	0	0	0	0
	Bangkok	Case	0	0	0	0	0	0	0	0
Other provinces	Case	0	0	0	0	0	0	0	0	

Health & Safety										
GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
Rate Fatalities As A Result of Work-Related Injury										
	Employee	Case/	0		0		0		0	
		1 million man-hours	0	0	0	0	0	0	0	0
	Rayong	Case/	0	0	0	0	0	0	0	0
		1 million man-hours								
Bangkok	Case/	0	0	0	0	0	0	0	0	
	1 million man-hours									
Other provinces	Case/	0	0	0	0	0	0	0	0	
	1 million man-hours									
	Contractors ⁽³⁾	Case/	0	0	0	0	0	0	0	0
		1 million man-hours	0	0	0	0	0	0	0	0
	Rayong	Case/	0	0	0	0	0	0	0	0
		1 million man-hours								
Bangkok	Case/	0	0	0	0	0	0	0	0	
	1 million man-hours									
Other provinces	Case/	0	0	0	0	0	0	0	0	
	1 million man-hours									

Health & Safety										
GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
High-Consequence Work-Related Injuries (Excluding Fatalities)										
Employee	Case	0		0		0		0		
		0	0	0	0	0	0	0	0	
Rayong	Case	0	0	0	0	0	0	0	0	
Bangkok	Case	0	0	0	0	0	0	0	0	
Other provinces	Case	0	0	0	0	0	0	0	0	
Contractors ⁽³⁾	Case	0		0		0		0		
		0	0	0	0	0	0	0	0	
Rayong	Case	0	0	0	0	0	0	0	0	
Bangkok	Case	0	0	0	0	0	0	0	0	
Other provinces	Case	0	0	0	0	0	0	0	0	
Rate of High-Consequence Work-Related Injuries (Excluding Fatalities)										
Employee	Case/ 1 million man-hours	0		0		0		0		
		0	0	0	0	0	0	0	0	
Rayong	Case/ 1 million man-hours	0	0	0	0	0	0	0	0	
Bangkok	Case/ 1 million man-hours	0	0	0	0	0	0	0	0	
Other provinces	Case/ 1 million man-hours	0	0	0	0	0	0	0	0	

Health & Safety										
GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
	Contractors ⁽³⁾	Case/	0		0		0		0	
		1 million man-hours	0	0	0	0	0	0	0	0
	Rayong	Case/	0	0	0	0	0	0	0	0
		1 million man-hours								
	Bangkok	Case/	0	0	0	0	0	0	0	0
		1 million man-hours								
	Other provinces	Case/	0	0	0	0	0	0	0	0
		1 million man-hours								
Total Recordable Injuries Case ⁽⁴⁾										
	Employee	Case	0		1		0		0	
			0	0	1	0	0	0	0	0
	Rayong	Case	0	0	0	0	0	0	0	0
	Bangkok	Case	0	0	0	0	0	0	0	0
	Other provinces	Case	0	0	1	0	0	0	0	0
	Contractors ⁽³⁾	Case	0		1		1		0	
			0	0	1	0	0	1	0	0
	Rayong	Case	0	0	1	0	0	1	0	0
	Bangkok	Case	0	0	0	0	0	0	0	0
	Other provinces	Case	0	0	0	0	0	0	0	0

Health & Safety										
GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
	Recordable Injuries Rate (IR) ⁽¹⁾									
	Employee	Case/ 1 million man hour	0		0.89		0		0	
	Rayong		0	0	1.09	0	0	0	0	0
	Bangkok		0	0	0	0	0	0	0	0
	Other provinces		0	0	0	0	0	0	0	0
	Contractors ⁽³⁾		0		1.59		1.06		0	
	Rayong		0	0	1.87	0	0	8.52	0	0
	Bangkok		0	0	3.69	0	0	8.52	0	0
	Other provinces		0	0	0	0	N/A	N/A	0	0
	Other provinces		0	0	0	0	0	0	0	0
	Number of Hours Worked									
	Employee	Hours	568,887		1,115,642.89		595,007		448,595	
			421,383	147,054	912,738	202,905	429,449	175,557	247,402	201,193
	Rayong	Hours	244,600	53,208	573,127	94,034	57,098	116,000	212,792	64,195
	Bangkok	Hours	37,823	88,344	252,685	106,794	224,016	52,012	34,610	136,998
	Other provinces	Hours	138,960	5,952	86,926	2,078	138,338	7,546	144,428	10,400
	Contractors ⁽³⁾	Hours	1,007,836		1,257,308		943,459		421,520	
			874,992	132,844	1,068,082	189,226	769,679	173,781	323,119	98,401
	Rayong	Hours	616,473	80,924	541,755	80,530	417,314	117,306	323,119	98,401
	Bangkok	Hours	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Other provinces	Hours	258,519	51,920	526,327	108,696	352,365	56,475	425,640	57,786

Health & Safety											
GRI Standards	Required Data	Unit	Data Collection Period								
			2021		2022		2023		2024		
			Male	Female	Male	Female	Male	Female	Male	Female	
	Lost-Time Injury Frequency Rate (LTIFR)										
	Employee	Case	0		0		0		0		
		Case/ 1 million man- hours	0		0		0		0		
403-9	Data coverage	% Of revenue	100		100		100		100		
	Contractors ⁽³⁾	Case	0		0		1		0		
		Case/ 1 million man- hours	0		1.6		2.09		0		
	Data coverage	% Of revenue	100		100		100		100		
	Lost Work Day (LWD) & Lost Day Rate (LDR)										
	Employees	Case	0		0		0		0		
		Case/ 1 million man- hours	0		0		0		0		
	Contractors ⁽³⁾	Case	0		0		0		0		
		Case/ 1 million man- hours	0		0		0		0		

Health & Safety										
GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
403-10	Number of Fatalities As A Result of Work-Related Ill Health									
	Employee	Case	0		0		0		0	
			0	0	0	0	0	0	0	0
	Rayong	Case	0	0	0	0	0	0	0	0
	Bangkok	Case	0	0	0	0	0	0	0	0
	Other provinces	Case	0	0	0	0	0	0	0	0
	Contractors ⁽³⁾	Case	0		0		0		0	
			0	0	0	0	0	0	0	0
	Rayong	Case	0	0	0	0	0	0	0	0
	Bangkok	Case	0	0	0	0	0	0	0	0
	Other provinces	Case	0	0	0	0	0	0	0	0
	Number of Cases of Recordable Work-Related Ill Health ⁽⁵⁾									
	Employee	Case	0		0		0		0	
			0	0	0	0	0	0	0	0
	Rayong	Case	0	0	0	0	0	0	0	0
	Bangkok	Case	0	0	0	0	0	0	0	0
	Other provinces	Case	0	0	0	0	0	0	0	0
	Contractors ⁽³⁾	Case	0		0		0		0	
			0	0	0	0	0	0	0	0
	Rayong	Case	0	0	0	0	0	0	0	0
Bangkok	Case	0	0	0	0	0	0	0	0	
Other provinces	Case	0	0	0	0	0	0	0	0	

Health & Safety										
GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
	Occupational Diseases Rate (ODR) ⁽²⁾									
	Employee	Case/	0		0		0		0	
		1 million man-hours	0	0	0	0	0	0	0	0
	Rayong	Case/	0	0	0	0	0	0	0	0
		1 million man-hours								
	Bangkok	Case/	0	0	0	0	0	0	0	0
		1 million man-hours								
	Other provinces	Case/	0	0	0	0	0	0	0	0
		1 million man-hours								
	Data coverage	% Of revenue	0	0	0	0	0	0	0	0
	Contractors ⁽³⁾	Case/	0		0		0		0	
		1 million man-hours	0	0	0	0	0	0	0	0
	Rayong	Case/	0	0	0	0	0	0	0	0
		1 million man-hours								

Health & Safety										
GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
	Bangkok	Case/ 1 million man-hours	0	0	0	0	0	0	0	0
	Other provinces	Case/ 1 million man-hours	0	0	0	0	0	0	0	0
	Data coverage	% Of revenue	0	0	0	0	0	0	0	0
306-3	Process Safety Events - Tier 1									
	Number per million hours worked	Number	0	0	0	0	0	0	0	0
	By business activity: production	Number	0	0	0	0	0	0	0	0
	By business activity: transportation	Number	0	0	0	0	0	0	0	0
	By business activity: storage	Number	0	0	0	0	0	0	0	0
	By business activity: other	Number	0	0	0	0	0	0	0	0
	Data coverage	% Of revenue	100	100	100	100	100	100	100	100
Target of tier 1 process safety events per million hours worked	Number	0	0	0	0	0	0	0	0	

Health & Safety										
GRI Standards	Required Data	Unit	Data Collection Period							
			2021		2022		2023		2024	
			Male	Female	Male	Female	Male	Female	Male	Female
306-3	Process Safety Events - Tier 2									
	Number per million hours worked	Number	0		0		0		0	
	By business activity: production	Number	0		0		0		0	
	By business activity: transportation	Number	0		0		0		0	
	By business activity: storage	Number	0		0		0		0	
	By business activity: other	Number	0		0		0		0	
	Data coverage	% Of revenue	100		100		100		100	

Remarks:

2. Injury types include medical treatment, restricted work and loss time cases.
3. Occupation Disease Rate refers to Occupational Illness Frequency Rate (OIFR).
4. Worker (exclude employee) refers to significant workers that are contractors.
5. Main types of work-related injury
6. Main types of work-related illness health

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
301-1	Material					
	Total material use	Tonnes	589,991.48	573,447.00	634,270.00	632,391.00
	Non-renewable material	Tonnes	61,410.81	56,521.00	39,728.00	35,021.00
	Renewable material	Tonnes	528,580.67	516,925	594,542.00	597,370.00
301-2	Percentage of materials used that are recycled input materials	%	100	100	100	100
302-1	Energy Consumption					
	Total direct non-renewable energy consumption	MWh	83,372.14	94,071.53	92,721.87	83,369.53
	Natural gas	MWh	N/A	N/A	N/A	N/A
	LPG	MWh	1,190.78	553.87	510.42	553.41
	Diesel	MWh	222.36	614.35	477.39	645.91
	Pyrolysis gas oil	MWh	N/A	N/A	N/A	N/A
	Recovered volatile (RV)	MWh	N/A	N/A	N/A	N/A
	Oligomer	MWh	N/A	N/A	N/A	N/A
	Fuel oil	MWh	81,959.00	92,903.31	91,734.07	82,170.21
	Fuel gas	MWh	N/A	N/A	N/A	N/A
	Total direct non-renewable energy consumption	GJ	300,139.70	338,657.51	333,798.75	300,130.31
	Natural gas	GJ	N/A	N/A	N/A	N/A
	LPG	GJ	4,286.81	1,993.93	1,837.51	1,992.27
	Diesel	GJ	800.50	2,211.66	1,718.59	2,325.27
	Pyrolysis gas oil	GJ	N/A	N/A	N/A	N/A
	Recovered volatile (RV)	GJ	N/A	N/A	N/A	N/A
	Oligomer	GJ	N/A	N/A	N/A	N/A
	Fuel oil	GJ	295,052.40	334,451.92	357,029	295,812.76

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
	Fuel gas	GJ	N/A	N/A	N/A	N/A
	Total indirect energy consumption by primary energy source	MWh	287,396.41	316,929.62	317,199	312,685.84
	Steam / heating / cooling and other energy (non-renewable) purchased for consumption	MWh	237,025.82	265,282.25	266,106.76	260,489.78
	Electricity (non-renewable) purchased	MWh	50,370.59	51,647.37	51,092.24	52,196.06
	Steam (non-renewable) purchased	MWh	237,025.82	265,282.25	266,106.76	260,489.78
	Cooling (non-renewable) purchased	MWh	N/A	N/A	N/A	N/A
	Total non-renewable energy (electricity and heating & cooling) sold	MWh	N/A	N/A	N/A	N/A
	Electricity sold	MWh	N/A	N/A	N/A	N/A
	Steam sold	MWh	N/A	N/A	N/A	N/A
	Return steam condensate sold	MWh	N/A	N/A	N/A	N/A
	Heating sold	MWh	N/A	N/A	N/A	N/A
	Cooling sold	MWh	N/A	N/A	N/A	N/A
	Total non-renewable energy consumption within the organization	MWh	370,768.55	411,001.15	409,920.87	396,055.37
	Total renewable energy purchased or generated	MWh	0	0	0	11,942.35
	Solar cell	MWh	0	0	0	0
	Wind turbine	MWh	0	0	0	0

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
	Total renewable energy consumption	MWh	0	0	0	11,942.35
	Total renewable energy purchased or generated	GJ	0	0	0	42,992.47
	Solar cell	GJ	0	0	0	0
	Wind turbine	GJ	0	0	0	0
	Total renewable energy consumption	GJ	0	0	0	42,992.47
	Total energy consumption within the organization from non-renewable and renewable energy sources	MWh	370,768.55	411,001.15	409,920.87	407,997.73
	Total energy consumption within the organization from non-renewable and renewable energy sources	GJ	1,334,766.78	1,479,604.13	1,475,715.14	1,468,791.81
	Total cost of energy consumption	Total cost of energy consumption	427.24	753.36	677.63	605.11
	Percentage of data coverage	% Of revenue	100	100	100	100
	Total non-renewable energy consumption target at fiscal year	MWh	N/A	N/A	N/A	N/A
302-2	Total energy consumption outside organization	MWh	N/A	N/A	N/A	N/A
302-3	Total energy intensity ⁽¹⁾	MWh/ton production	0.83	0.97	0.93	0.93

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
302-4	Total energy saved by efforts to reduce energy use and increase energy efficiency	MWh	N/A	1,870.00	10,195.03	16,181.07
	Fuel Saving	MWh	N/A	1,870.00	10,195.03	16,181.07
	Total indirect energy saved from initiative to reduce indirect energy use	MWh	3,448.68	5,249.34	2,039.54	901.77
	Electricity Saving	MWh	N/A	N/A	3.01	287.19
	Steam Saving	MWh	3,448.68	5,249.34	2,036.53	614.58
305-1	Greenhouse Gas Emissions (GHGs) ⁽²⁾					
	Total direct GHG emissions (scope1) ⁽²⁾	Tonnes CO ₂ equivalent	30,508.95	29,817.00	28,569.48	24,929.00
	Direct GHG emissions from methane emission (scope 1)	Tonnes CO ₂ equivalent	39.92	20.66	21.26	TBC
	Percentage of data coverage	% of revenue	100	100	100	100
	Total direct GHG emissions (scope1) target at fiscal year	Tonnes CO ₂ equivalent	N/A	N/A	N/A	N/A
	Total biogenic CO ₂ emissions (scope1)	Tonnes CO ₂ equivalent	N/A	N/A	N/A	N/A
305-2	Total Indirect GHGs emissions from energy purchased and consumes (scope2) ⁽²⁾	Tonnes CO ₂ equivalent	61,358	67,954	73,708	72,406
	Market-based energy indirect (scope 2) GHG emissions	Tonnes CO ₂ equivalent	61,358	67,954	73,708	72,406

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
305-3	- Target of market-based energy indirect (scope 2) GHG emissions	Tonnes CO ₂ equivalent	N/A	N/A	N/A	N/A
	Location based energy indirect (scope 2) GHG emissions	Tonnes CO ₂ equivalent	76,728	84,066	83,908	82,686
	- Target of market-based energy indirect (scope 2) GHG emissions	Tonnes CO ₂ equivalent	N/A	N/A	N/A	N/A
	Total indirect GHGs (scope2) target at fiscal year	Tonnes CO ₂ equivalent	N/A	N/A	N/A	N/A
	Percentage of data coverage	% Of revenue	100	100	100	100
	Total Other relevant indirect GHG emission (scope3) ⁽⁴⁾	Tonnes CO ₂ equivalent	525,332	539,972	580,062	TBC
	Other relevant indirect GHG emission (scope 3): purchased of goods and services	Tonnes CO ₂ equivalent	500,194.97	504,662.87	541,297.5	TBC
	Other relevant indirect GHG emission (scope 3): fuel and energy related activities (not included in scope 1 or scope 2)	Tonnes CO ₂ equivalent	3,125	3,812	3,801	TBC
	Other relevant indirect GHG emission (scope 3): Upstream Transportation and Distribution	Tonnes CO ₂ equivalent	11,167.90	11,831.37	10,624.89	TBC

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
	Other relevant indirect GHG emission (scope 3): Waste generation in operation	Tonnes CO ₂ equivalent	676.16	10,456.85	14,597.49	TBC
	Other relevant indirect GHG emission (scope 3): Business Travel	Tonnes CO ₂ equivalent	1.80	3.83	27.59	TBC
	Other relevant indirect GHG emission (scope 3): Employee commuting	Tonnes CO ₂ equivalent	370.43	415.87	427.24	TBC
	Other relevant indirect GHG emission (scope 3): Downstream Transportation and Distribution	Tonnes CO ₂ equivalent	9,796.32	8,790	9,286.6	TBC
	Total biogenic CO ₂ emissions (scope 3)	Tonnes CO ₂ equivalent	N/A	N/A	N/A	N/A
305-4	GHG emission intensity (scope 1 & 2) ⁽⁵⁾	Tonnes CO ₂ equivalent/tonnes production	0.208	0.231	0.2179	0.2229
305-5	Total estimated annual CO2 savings	Tonnes CO ₂ equivalent	2,616	418	3,416	3,853.00
	GHG annual reduction target at fiscal year	Tonnes CO ₂ equivalent	N/A	N/A	N/A	6,456.00
305-7	Emission ⁽⁶⁾					
	Volatile organic compounds (VOCs)	Tonnes VOC	0.01	0.01	0.01	0.01
	VOC target at fiscal year	Tonnes VOC	N/A	N/A	N/A	N/A
	Percentage of data coverage	% Of revenue	100	100	100	100

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
	VOC intensity	Tonnes VOC / million tonne production	0.02	0.02	0.02	0.02
	NOx emissions ^[12]	Tonnes NOx	47.86	87.51	31.33	19.58
	NOx emissions target at fiscal year	Tonnes NOx	N/A	N/A	N/A	31.33
	Percentage of data coverage	% of revenue	100	100	100	100
	NOx intensity	Tonnes NOx / million tonne production	116.26	206.82	70.86	44.84
	SOx emissions ^[12]	Tonnes SOx	114.42	121.95	102.83	55.84
	SOx emissions target at fiscal year	Tonnes SOx	N/A	N/A	N/A	102.83
	Percentage of data coverage	% Of revenue	100	100	100	100
	SOx intensity	Tonnes SOx/ million tonne production	277.95	288.21	232.59	127.88
	Total Suspended Particle (TSP)	Tonnes	1.78	N/A	6.89	2.14
	TSP Intensity	Tonnes/ million tonne production	4.323956663	N/A	15.58414534	4.901028987
305-7	Persistent organic pollutants (POP)	Tonnes	N/A	N/A	N/A	N/A
	POP intensity	Tonnes/ million tonne production	N/A	N/A	N/A	N/A
	Hazardous air pollutants (HAP)	Tonnes HAP	N/A	N/A	N/A	N/A

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
	HAP intensity	Tonnes/ million tonne production	N/A	N/A	N/A	N/A
303-3	Water Consumption^[7]					
	Total water withdrawal from all areas	m ³	528,421.67	521,653.53	543,076.02	572,522.20
	Fresh water (≤1,000 mg/L Total dissolved solids)	m ³	528,421.67	521,653.53	543,076.02	572,522.20
	Surface water	m ³	62,471.90	76,150.00	N/A	N/A
	Groundwater	m ³	N/A	N/A	N/A	N/A
	Seawater	m ³	N/A	N/A	N/A	N/A
	Produced water	m ³	N/A	N/A	N/A	N/A
	Third-party water	m ³	465,949.77	445,503.53	543,076.02	572,522.20
	Other water (>1,000 mg/L Total dissolved solids)	m ³	N/A	N/A	N/A	N/A
	Surface water	m ³	N/A	N/A	N/A	N/A
	Groundwater	m ³	N/A	N/A	N/A	N/A
	Seawater	m ³	N/A	N/A	N/A	N/A
	Produced water	m ³	N/A	N/A	N/A	N/A
	Third-party water	m ³	N/A	N/A	N/A	N/A
303-3	Total water withdrawal from all areas with water stress	m ³	N/A	N/A	N/A	N/A
	Fresh water (≤1,000 mg/L Total dissolved solids)	m ³	N/A	N/A	N/A	N/A
	Surface water	m ³	N/A	N/A	N/A	N/A
	Groundwater	m ³	N/A	N/A	N/A	N/A
	Seawater	m ³	N/A	N/A	N/A	N/A

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
	Produced water	m ³	N/A	N/A	N/A	N/A
	Third-party water	m ³	N/A	N/A	N/A	N/A
	- Surface water	m ³	N/A	N/A	N/A	N/A
	- Groundwater	m ³	N/A	N/A	N/A	N/A
	- Seawater	m ³	N/A	N/A	N/A	N/A
	- Produced water	m ³	N/A	N/A	N/A	N/A
	Other water (>1,000 mg/L Total dissolved solids)	m ³	N/A	N/A	N/A	N/A
	Surface water	m ³	N/A	N/A	N/A	N/A
	Groundwater	m ³	N/A	N/A	N/A	N/A
	Seawater	m ³	N/A	N/A	N/A	N/A
	Produced water	m ³	N/A	N/A	N/A	N/A
	Third-party water	m ³	N/A	N/A	N/A	N/A
	- Surface water	m ³	N/A	N/A	N/A	N/A
	- Groundwater	m ³	N/A	N/A	N/A	N/A
	- Seawater	m ³	N/A	N/A	N/A	N/A
	- Produced water	m ³	N/A	N/A	N/A	N/A
	Water consumption intensity	m ³ /tonne production	0.31	0.56	0.55	0.64
	Water reused ^[13]	m ³	0.03	13,259.90	50,949.56	59,452.14
	Water recycled	m ³	N/A	N/A	N/A	N/A
	Total water reused / recycled	m ³	0.03	13,259.91	50,949.56	59,452.14
% Of total water withdrawal		0.00	2.54	9.38	10.38	
303-4	Water Discharge^[6]					
	Total water discharge to all areas	m ³	390,894.61	283,571.58	299,101.44	291,275.16

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
	Fresh water ($\leq 1,000$ mg/L Total dissolved solids)	m ³	140,640.44	231,261.80	243,798.70	241,084.35
	Surface water	m ³	N/A	N/A	N/A	N/A
	Groundwater	m ³	N/A	N/A	N/A	N/A
	Seawater	m ³	N/A	N/A	N/A	N/A
	Third-party water (Total)	m ³	140,640.44	231,261.80	243,798.70	241,084.35
	Other water ($> 1,000$ mg/L Total dissolved solids)	m ³	250,254.17	52,309.78	55,302.44	50,190.81
	Surface water	m ³	N/A	N/A	N/A	N/A
	Groundwater	m ³	N/A	N/A	N/A	N/A
	Seawater	m ³	N/A	N/A	N/A	N/A
	Third-party water (Total)	m ³	250,254.17	52,309.78	55,302.44	50,190.81
	Total water discharge to all areas with water stress	m ³	N/A	N/A	N/A	N/A
	Fresh water ($\leq 1,000$ mg/L Total dissolved solids)	m ³	N/A	N/A	N/A	N/A
	Other water ($> 1,000$ mg/L Total dissolved solids)	m ³	N/A	N/A	N/A	N/A
	Water discharge quality					
	BOD Loading	Tonnes	N/A	266.55	155.98	91.48
	TSS Loading	Tonnes	N/A	33.76	93.96	44.11
	Oil and Grease Loading	Tonnes	N/A	7.67	14.47	9.06
	Total direct COD	Tonnes	1,655.18	589	582.89	326.19

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
	Percentage of data coverage	% Of revenue	N/A	N/A	N/A	N/A
	Total direct COD target at fiscal year	Tonnes COD	N/A	N/A	N/A	N/A
303-5	Water Consumption					
	Withdrawal: Total municipal water supplies (or from other water utilities)	m ³	465,949.77	445,503.53	543,076.02	572,522.20
	Withdrawal: Fresh surface water	m ³	62,471.90	76,150.00	N/A	N/A
	Withdrawal: Fresh ground water	m ³	0	0	0	0
	Discharge: Water returned to the source of extraction at similar or higher quality as raw water extracted	m ³	0	0	0	0
	Total net freshwater consumption	m ³	528,421.67	521,653.53	543,076.02	257,563.20
	Percentage of data coverage	%	100	100	100	100
	Target of total net freshwater consumption at fiscal year	m ³	N/A	N/A	N/A	N/A
	Total water consumption from all areas	m ³	137,537.06	238,081.95	243,974.88	281,247.04
	Total water consumption from all areas with water stress	m ³	N/A	N/A	N/A	N/A

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
	Change in water storage (if water storage has been identified as having a significant water-related impact)	m ³	N/A	N/A	N/A	N/A
306-3	Waste Generated					
	Total Waste Generated	Tonnes	5,785.64	14,033.10	7,363.06	9,336.98
	Routine waste generation					
	Total Hazardous waste as defined by National Legislation	Tonnes	439.28	815.74	490.54	833.12
	Data Coverage	% Of revenue	100	100	100	100
	Total Hazardous waste Generated target at fiscal year	Tonnes	N/A	N/A	N/A	N/A
	Total Non-Hazardous waste as defined by National Legislation	Tonnes	5,346.36	9,822.09	6,853.00	8,487.74
	Data Coverage	% Of revenue	100	100	100	100
	Total waste generated target at fiscal year	Tonnes	N/A	N/A	N/A	N/A
	Non-routine waste generation ^[10]					
	Total waste generated	Tonnes	N/A	3,395.27	19.52	16.12
	Hazardous waste generated as defined by national legislation	Tonnes	N/A	N/A	N/A	N/A
	Total non-hazardous waste generated as defined by national legislation	Tonnes	N/A	3,395.27	19.52	16.12

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
306-4	Waste Diverted from Disposal					
	Total weight of waste diverted from disposal	Tonnes	448.19	1,186.24	1,252.32	5,850.40
	Routine waste generation					
	Total hazardous waste diverted from disposal	Tonnes	135.31	432.58	92.93	194.31
	Preparation for reuse	Tonnes	N/A	N/A	N/A	N/A
	Onsite ^[9]	Tonnes	0	0	0	0
	Offsite	Tonnes	0	0	0	0
	Recycling	Tonnes	40.42	45.52	35.28	15.95
	Onsite ^[9]	Tonnes	0	0	0	0
	Offsite	Tonnes	40.42	45.52	35.28	15.95
	Other recovery operations	Tonnes	94.89	387.06	57.65	178.36
	Onsite ^[9]	Tonnes	0	0	0	0
	Offsite	Tonnes	94.89	387.06	57.65	178.36
	Total non-hazardous waste diverted from disposal	Tonnes	312.88	753.66	1,159.38	5,656.09
	Preparation for reuse	Tonnes	87.15	15.66	0	0
	Onsite ^[9]	Tonnes	0	0	0	0
	Offsite	Tonnes	87.15	15.66	0	0
	Recycling	Tonnes	26.12	328.65	326.43	350.20
	Onsite ^[9]	Tonnes	0	0	0	0
	Offsite	Tonnes	26.12	328.65	326.43	350.20
	Other recovery operations	Tonnes	196.61	409.35	832.95	5,305.89
	Onsite ^[9]	Tonnes	0	0	0	0
	Offsite	Tonnes	196.61	409.35	832.95	5,305.89

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
	Non-routine waste generation					
	Total hazardous waste diverted from disposal	Tonnes	N/A	N/A	N/A	N/A
	Preparation for reuse	Tonnes	N/A	N/A	N/A	N/A
	Onsite ^[9]	Tonnes	N/A	N/A	N/A	N/A
	Offsite	Tonnes	N/A	N/A	N/A	N/A
	Recycling	Tonnes	N/A	N/A	N/A	N/A
	Onsite ^[9]	Tonnes	N/A	N/A	N/A	N/A
	Offsite	Tonnes	N/A	N/A	N/A	N/A
	Other recovery operations	Tonnes	N/A	N/A	N/A	N/A
	Onsite ^[9]	Tonnes	N/A	N/A	N/A	N/A
	Offsite	Tonnes	N/A	N/A	N/A	N/A
	Total non-hazardous waste diverted from disposal	Tonnes	N/A	N/A	N/A	N/A
	Preparation for reuse	Tonnes	N/A	N/A	N/A	N/A
	Onsite ^[9]	Tonnes	N/A	N/A	N/A	N/A
	Offsite	Tonnes	N/A	N/A	N/A	N/A
	Recycling	Tonnes	N/A	N/A	N/A	N/A
	Onsite ^[9]	Tonnes	N/A	N/A	N/A	N/A
	Offsite	Tonnes	N/A	N/A	N/A	N/A
	Other recovery operations	Tonnes	N/A	N/A	N/A	N/A
	Onsite ^[9]	Tonnes	N/A	N/A	N/A	N/A
	Offsite	Tonnes	N/A	N/A	N/A	N/A
306-5	Waste Directed to Disposals ⁽¹¹⁾					
	Total weight of waste directed to disposal	Tonnes	5,390.40	6,146.53	6,071.81	3,467.75

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
	Total waste disposed Target	Tonnes	N/A	N/A	N/A	N/A
	Routine waste generation					
	Total hazardous waste directed to disposal	Tonnes	304.49	388.69	397.61	636.10
	Incineration (with energy recovery)	Tonnes	297.69	382.86	397.61	626.65
	Onsite ^[9]	Tonnes	0	0	0	0
	Offsite	Tonnes	297.69	382.86	372.84	626.65
	Incineration (without energy recovery)	Tonnes	6.28	5.83	24.70	9.45
	Onsite ^[9]	Tonnes	0	0	0	0
	Offsite	Tonnes	6.28	5.83	24.70	9.45
	Landfilling	Tonnes	0	0	0	0
	Onsite ^[9]	Tonnes	0	0	0	0
	Offsite	Tonnes	0	0	0	0
	Other disposal operations (storage in packing or containers (used battery))	Tonnes	0	0	0.07	0
	Onsite ^[9]	Tonnes	0	0	0	0
	Offsite	Tonnes	0	0	0.07	0
	Total Non-hazardous waste directed to disposal	Tonnes	5,086.43	5,757.84	5,674.20	2,831.65
	Incineration (with energy recovery)	Tonnes	4,817.13	5,585.04	5,674.20	2,831.65
	Onsite ^[9]	Tonnes	0	0	0	0
	Offsite	Tonnes	4,817.13	5,585.04	5,674.20	2,831.65

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
	Incineration (without energy recovery)	Tonnes	0	0	0	0
	Onsite ^[9]	Tonnes	0	0	0	0
	Offsite	Tonnes	0	0	0	0
	Landfilling	Tonnes	0	0	0	0
	Onsite ^[9]	Tonnes	0	0	0	0
	Offsite	Tonnes	0	0	0	0
	Other disposal operations (storage in packing or containers (used battery))	Tonnes	269.30	172.80	0	0
	Onsite ^[9]	Tonnes	0	0	0	0
	Offsite	Tonnes	269.30	172.80	0	0
	Non-routine waste generation					
	Total hazardous waste directed to disposal	Tonnes	N/A	N/A	N/A	N/A
	Incineration (with energy recovery)	Tonnes	N/A	N/A	N/A	N/A
	Onsite ^[9]	Tonnes	N/A	N/A	N/A	N/A
	Offsite	Tonnes	N/A	N/A	N/A	N/A
	Incineration (without energy recovery)	Tonnes	N/A	N/A	N/A	N/A
	Onsite ^[9]	Tonnes	N/A	N/A	N/A	N/A
	Offsite	Tonnes	N/A	N/A	N/A	N/A
	Landfilling	Tonnes	N/A	N/A	N/A	N/A
	Onsite ^[9]	Tonnes	N/A	N/A	N/A	N/A
	Offsite	Tonnes	N/A	N/A	N/A	N/A
	Other disposal operations (storage in packing or containers (used battery))	Tonnes	N/A	N/A	N/A	N/A

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
	Onsite ^[9]	Tonnes	N/A	N/A	N/A	N/A
	Offsite	Tonnes	N/A	N/A	N/A	N/A
	Total non-hazardous waste directed to disposal	Tonnes	N/A	N/A	N/A	N/A
	Incineration (with energy recovery)	Tonnes	N/A	N/A	N/A	N/A
	Onsite ^[9]	Tonnes	N/A	N/A	N/A	N/A
	Offsite	Tonnes	N/A	N/A	N/A	N/A
	Incineration (without energy recovery)	Tonnes	N/A	N/A	N/A	N/A
	Onsite ^[9]	Tonnes	N/A	N/A	N/A	N/A
	Offsite	Tonnes	N/A	N/A	N/A	N/A
	Landfilling	Tonnes	N/A	N/A	N/A	N/A
	Onsite ^[9]	Tonnes	N/A	N/A	N/A	N/A
	Offsite	Tonnes	N/A	N/A	N/A	N/A
	Municipal waste	Tonnes	N/A	N/A	N/A	N/A
	Onsite ^[9]	Tonnes	N/A	N/A	N/A	N/A
	Offsite	Tonnes	N/A	N/A	N/A	N/A
	Other disposal operations (land reclamation)	Tonnes	N/A	N/A	N/A	N/A
	Onsite ^[9]	Tonnes	N/A	N/A	N/A	N/A
	Offsite	Tonnes	N/A	N/A	N/A	N/A
306-3	Spills					
	Oil spills	Cases	N/A	N/A	N/A	N/A
		m ³	N/A	N/A	N/A	N/A
	Volume of spill recovered	m ³	N/A	N/A	N/A	N/A

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
	Fuel spills	Cases	N/A	N/A	N/A	N/A
		m ³	N/A	N/A	N/A	N/A
	Volume of spill recovered	m ³	N/A	N/A	N/A	N/A
	Water spills	Cases	N/A	N/A	N/A	N/A
		m ³	N/A	N/A	N/A	N/A
	Volume of spill recovered	m ³	N/A	N/A	N/A	N/A
	Chemical spills	Cases	N/A	N/A	N/A	N/A
		m ³	N/A	N/A	N/A	N/A
	Volume of spill recovered	m ³	N/A	N/A	N/A	N/A
	Flared and Vented Hydrocarbon					
Volume of flared and vented hydrocarbon	Million m ³	N/A	N/A	N/A	N/A	
2-27	Environmental Violations					
	Number of violations of legal obligations/ regulations	Number	0	0	0	0
	Amount of fines/penalties related to the above	Million baht	0	0	0	0
	Environmental liability accrued at year end	Number	0	0	0	0
2-25	Return on Environmental Investment					
	Total Expenditures	Baht	26,240,000	85,850,000	34,690,000	80,900,000
	Capital investments	Baht	16,570,000	69,850,000	34,690,000	80,900,000
	Operating expenses	Baht	9,670,000	16,000,000	0	80,600,000
	- Waste disposal, emission treatment, and remediation costs	Baht	N/A	N/A	N/A	N/A

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
	- Prevention and environmental management costs	Baht	N/A	N/A	N/A	N/A
	Savings, cost avoidance, income, tax incentives, etc.	Baht	21,320,000	136,500,000	13,530,643	46,601,115
	Operations covered (by revenue, production volume, or employees, etc.)	% Of operation covered	100	100	100	100
Denominator - Production / Revenues						
	Total production volume	Tonnes	441,660	423,122	442,116	436,643.00
Life Cycle Assessment						
	Percentage of full product LCAs conducted	% Of total products	N/A	16.67	16.67	TBC
	Percentage of simplified product LCAs conducted	% Of total products	N/A	83.33	83.33	TBC
	Other	% Of total products	N/A	N/A	N/A	N/A
301-1	Renewable Raw Materials					
	Percent of raw materials by weight or volume are from renewable resources	% Of total products	100	100	100	100
	Exposure to Hazardous Substances					
	Percentage of products containing restricted substance in the Annex XVII of REACH regulation	% Of total products	0	0	0	0

Environment						
GRI Standards	Required Data	Unit	Data Collection Period			
			2021	2022	2023	2024
	Percentage of products containing substances of the candidate list of very high concern (SVHC) for authorization above 0.1% by weight	% Of total products	0	0	0	0
	Percentage of products (in terms of revenues) has undergone risk assessment for their potential impact on human health and the environment	% Of Total products	N/A	N/A	N/A	N/A
	Low-Carbon Products					
	Avoided GHG emissions for client's products	% Of total revenues from products	37	34	65	60
	Low carbon products	% Of total revenues from products	25	56	28	33
305-5	Climate Strategy Impacts					
	Total estimated annual CO ₂ savings	Tonnes CO ₂ equivalent	2,616.32	1,510.29	3,416.00	3,853.00
	Total annual investment required of anticipated annual CO ₂	Million baht	14	0	N/A	80.90
	Total anticipated annual cost savings	Million baht	21.3	136	13.5	46.61
	GHG annual reduction target at fiscal year	Tonnes CO ₂ equivalent	N/A	N/A	N/A	N/A

Environmental Reporting						
GRI Standards	Required Data	Units	Data Collection Period			
			2021	2022	2023	2024
	Environmental Reporting Coverage					
	Coverage of publicly available environmental data	% Of business operations	100	100	100	100

Remarks:

1. All type of energy included in the intensity ratio and consumed within organization.
2. GHGs emissions based on report of 1) GHGs calculation standard, methodology, emission factors and GWP referred to IPCC 2006, WRI GHG protocol and ISO 14064. 2) The operational control approach for emissions.
3. All greenhouse gases include in the report.
4. Indirect GHG emissions scope 3 categories activities calculated include Category 3 of Fuel and energy-related activities as it has been verified in 2023. However, there is a study of Scope 3 emission without verification of 15 Categories and 5 categories are identified as significant to GGC. Those are comprised of Category 1 Purchased goods and services, Category 4 Upstream transportation and distribution, Category 5 Waste generated in operation, Category 6 Business Activities, and Category 7 Employee Commuting
5. Types of GHG emissions, which are direct (scope 1) and energy indirect (scope 2), included in the intensity ratio.
6. Standards, methodologies, source of emission factors and assumptions used are identified from relevant regulations. The measurement approaches include direct and/or continuous measurement.
7. Information drawn from water meters and calculations derived from available water data.
8. Sum of effluents, used water, and unused water released to surface water, groundwater, seawater, or a third party, for which the organization has no further use, over the course of the reporting period.
9. As defined by National Legislation and there is no on-site storage during reporting year.
10. Wastes from non-routine operations i.e. construction waste. This includes hazardous wastes and non-hazardous wastes.
11. As fully complied with the waste disposal defined by Notification of the Ministry of Industry Re: Disposal of Wastewater or Unused Materials 2005, GGC transfers all waste to external waste disposers for direct disposal (Off-site) only.
12. NOx and SOx is generated from Plant 2 only, as Plant 1 doesn't have combustion stack
13. Water Reused is from Plant 1 only