

SD Data

Economic Performance

SD Index - Economic Performance			
	2019*	2018	2017
Sales (in million baht)			
Net sales	47,593	44,764	43,634
Input factor (cost of all goods, materials and services)	33,380	31,089	31,303
Depreciation and amortisation	3,330	3,268	2,964
Value Creation (in million baht)			
Benefit to employees	5,668	5,066	4,986
Benefit to government (taxes)	698	569	852
Benefit to shareholders	2,384	2,384	3,398
Benefit to creditors	1,459	1,350	1,295
Retained in business	674	1,037	-1,166
Suppliers (%)			
Suppliers screened (OH&S, labour standards, legal compliance, environmental standards, as percentage of spending)	75	99	99
Government Relations (in million baht)			
Political contributions	0	0	0
Government subsidies received	0	0	0
Customer Relations			
Customer satisfaction surveys conducted	YES	YES	YES

* 2019 SD data started its reporting as a Group Company (exclude joint venture)

SD Data

Environmental Performance

SD Index - Environmental Performance			
	2019*	2018	2017
Materials Used			
Limestone (%)	77.1	81.3	80.6
Shale (%)	9.6	17.3	17.8
Additives (%)	9.9	0.7	0.6
Alternative raw materials (%)	3.4	0.7	1.0
Environmental Investments and Compliance			
Total environmental protection expenditures and investments (million baht)	60.8	28.2	43.8
Non-compliance cases	2	0	0
Associated fines and penalties (million baht)	0.72	0	0
Energy			
Fuel consumption (MJ/ton clinker)	3,172	3,075.8	3,083.4
Electricity consumption (kWh/ton cement)	70.3	94.2	94.16
Alternative fuel thermal substitution rate (%)	14.1	10.6	5.51
CO₂ Emissions			
Net CO ₂ Emissions (kg CO ₂ /ton cementitious material)	621	695.4	721.7
Clinker factor (%)	74.3	81.2	83.8
Other Atmospheric Emissions			
NOx (grams/ton cementitious material)	865.6	599.5	596.1
SO ₂ (grams/ton cementitious material)	73.3	55.0	51.2
Dust (grams/ton cementitious material)	70.7	49.8	40.9
Water			
Water withdrawn from wells and rainwater collected for cement production (m ³)	5,869,512	1,918,765	3,259,487
Water recycled or reused (%)	69.1	77	85

* 2019 SD data started its reporting as a Group Company (exclude joint venture)

SD Data

Social Performance

SD Index - Social Performance			
	2019*	2018	2017
Employee Practices			
Number of employees	5,711	3,621	3,579
Proportion of employees by level (%)			
• Top & senior management	5.52	4	4
• Middle level management	44.35	42	41
• Other employees	50.32	55	56
Portion of female employees by level (%)			
• Top & senior management	8.23	19	22
• Middle level management	19.80	37	37
• Other employees	17.63	10	9
Ratio of female to male salary			
• Top & senior management	0.48	0.82	0.91
• Middle level management	0.70	0.93	0.92
• Other employees	0.72	0.95	0.94
Portion of local employees (%)	98.76	99.50	99.64
Employee turnover (%)	10.04	8.92	14.28
Employee satisfaction survey conducted	-	-	-
Training			
Average hours of training per employee	32.29	26.84	32.08
Occupational Health and Safety			
Number of fatalities (employees, contractors and third-party)	3	0	0
Lost time injury frequency rate (employees and contractors per million man-hours)	0.48	0.25	0.33
Community Involvement			
Donations, CSR and Community Spending (million baht)	27.7	15.5	18.4
Stakeholder Engagement			
Needs assessments	YES	YES	YES
Stakeholder Engagement in CSR planning	YES	YES	YES
Stakeholder dialogues	YES	YES	YES
Community advisory panels	YES	YES	YES

* 2019 SD data started its reporting as a Group Company (exclude joint venture)

Key Performance Indicators

Global Cement and Concrete Association (GCCA)



Key Performance Indicators of the GCCA			
Key KPIs	2019*	2018	2017
Climate protection			
Total CO ₂ emissions - gross (million tons)	12.04	9.77	10.15
Total CO ₂ emissions - net (million tons)	11.62	9.47	9.99
Specific CO ₂ emissions - gross (kg / ton cementitious material)	643	717.6	734
Specific CO ₂ emissions - net (kg / ton cementitious material)	621	695.4	722
Responsible use of fuels and raw materials			
Specific heat consumption of clinker production (MJ / ton clinker)	3,172.0	3,075.80	3,083.29
Alternative fuel thermal substitution rate (%)	14.1	10.57	5.51
• Alternative fuel rate (%)	12.7	10.24	5.48
• Biomass fuel rate (%)	1.4	0.33	0.03
Alternative raw materials rate (%)	1.0	0.64	1.09
Clinker / cement ratio (%)	74.3	81.2	84.28
Safety			
Fatality rate, directly employed	0	0	0
Number of fatalities (directly employed, contractors/ sub-contractors, third parties)	3	0	0
LTI frequency rate, directly employed	0.9	0	0
LTI frequency rate, contractors and sub-contractors (onsite)	0.85	0	0
LTI severity rate, directly employed	14.9	0	0
Emissions reductions			
Overall coverage rate : percentage (%) of clinker produced with monitoring of all pollutants mentioned in the emissions guidelines	98.8	100	100
Coverage rate continuous measurement : percentage (%) of clinker produced with continuous monitoring of main pollutants, dust, NOx, SO ₂	100	100	100
Dust - coverage rate (%)	100	100	100
NOx - coverage rate (%)	100	100	100
SO ₂ - coverage rate (%)	100	100	100
Dust - specific emissions (grams / ton clinker)	70.7	57.9	47.1
NOx - specific emissions (grams / ton clinker)	865.6	696.8	686.6
SO ₂ - specific emissions (grams / ton clinker)	73.3	63.9	59.0
Local impacts on land and communities			
Percentage (%) of sites with community engagement plans in place	100	100	100
Percentage (%) of sites with quarry rehabilitation plans in place	100	100	100

* 2019 SD data started its reporting as a Group Company (Cement and Concrete Business exclude joint venture)