

GCCA Sustainability Charter KPIs

GCCA CONTENT INDEX

Parameter	Units	Value
Total direct CO ₂ emissions – gross	[t CO ₂ /yr]	1,47,56,978
Total direct CO ₂ emissions – net	[t CO ₂ /yr]	1,44,56,707
Specific CO ₂ emissions per tonne of cementitious material – gross	kg CO ₂ /t cementitious Material]	537
Specific CO ₂ emissions per tonne of cementitious material – net	kg CO ₂ /t cementitious Material]	526
Overall coverage rate	%	100
Coverage rate of continuous measurement	%	100
Alternative Fuel Rate (kiln fuels)	%	6.87
Biomass Fuel Rate (kiln fuels)	%	2.06
Specific heat consumption for clinker production	GJ / t clinker	3.16
Clinker Factor	%	66.8
Alternative Raw Materials rate (% ARM)	%	24.4
Water consumption	KL	47,03,097
Amount of Water consumption per unit of product	KL / T of cement	0.16
Number of quarries	Nos.	16
Quarries where biodiversity plan / rehabilitation plan is implemented	Nos.	16
Number of fatalities for directly employed	Nos.	0
Number of fatalities for contractors/subcontractors	Nos.	2
Number of fatalities for third parties	Nos.	0
Fatality rate for directly employed	Rate	0
LTI Frequency Rate (FR) for directly employed	Rate	0.31
LTI Frequency Rate (FR) for contractors / subcontractors (on-site)	Rate	0.44
LTI Severity Rate (SR) for directly employed	Rate	18