

Performance Data Tables

Indicators	unit	2019	GRI Ref
Raw materials- Cement			
Limestone	Million tonnes	26.8	301-1
Gypsum	Million tonnes	1.5	
Alternative Raw material	Million tonnes	0.48	
Slag	Million tonnes	2.78	
Fly-ash	Million tonnes	6.42	
Additives	Million tonnes	0.14	
Others (Bauxite, Iron ore etc.)	Million tonnes	0.8	
Lubricating oil	tonnes	268.5	
Grease	tonnes	105.7	
Weight of bags consumed	tonnes	38,969.2	
% recycled materials used	%	24.8	301-2
Raw materials- RMX			
Cement	tonnes	9,89,286.4	301-1
Slag	tonnes	76,401.0	
Flyash	tonnes	1,85,392.0	
Sand	tonnes	5,64,212.50	
Additives	tonnes	10,366.6	
Aggregates	tonnes	36,89,929.4	
Lubricating oil	tonnes	11.1	
Grease	tonnes	8.5	
Crushed rock fines	tonnes	22,56,850.0	
GHG Emissions - Cement			
Total CO ₂ Emissions - Gross	tonnes	1,47,32,304.5	305-4
Total CO ₂ Emissions - Net	tonnes	1,45,42,691.7	
Specific CO ₂ Emissions - gross	kg/tonne of cement	512.0	
Specific CO ₂ Emissions - net	kg/tonne cement	505	305-1
Scope 1 emissions (cement+CPP)	tonnes	1,67,72,265.6	
Scope 2 emissions	tonnes	5,56,073.3	
Scope 3 emissions	tonnes	5,91,171.4	305-3
GHG Emissions - Concrete			
Scope 1 emissions concrete	tCO ₂	4,706.9	305-1
Scope 2 emissions concrete	tCO ₂	4,831.3	305-2
Scope 3 emissions concrete	tCO ₂	58,915.0	305-3
Overall CO2 reduction achieved (scope-1 &2)			
On account of thermal savings ⁽¹⁾	tCO ₂	0.0	305-5
On account of electrical savings ⁽²⁾	tCO ₂	26,821.9	
On account of clinker factor improvement ⁽³⁾	tCO ₂	1,24,321.6	
Note:			
(1) CO ₂ emission reductions on account of thermal energy is calculated value.			
(2) CM Emission Factor (CO ₂ Baseline Database for the Indian Power Sector – V 13 – June 2018 – by Central Electricity Authority) was used for calculating the CO ₂ emissions on account of electrical savings.			
(3) CO ₂ emission reductions on account of clinker factor improvement is calculated by multiplying amount of clinker saved with Kg CO ₂ / Tonne of Clinker			
Emissions*			
NOx	g/t clinker	1,293.4	305-7
	g/t cement	816.6	
	t	22,759.4	
SOx	g/t clinker	101.7	
	g/t cement	64.2	
	t	1,789.8	
Dust	g/t clinker	26.8	
	g/t cement	16.9	
	t	472.0	

* The emissions reported are based on Kiln stacks only

Indicators	unit	2019	GRI Ref
Energy Consumption - Cement			
Kiln Fuel Consumption			
Coal+Petcoke	TJ	52,525.8	302-1
Diesel oil	TJ	44.7	
Alternative fossil and mixed fuels*	TJ	2,329.9	
Biomass fuels	TJ	748.0	
Non-Kiln Fuel Consumption			
Coal+petcoke	TJ	23,472.7	302-1
Diesel oil	TJ	11.8	
Alternative Fuels	TJ	125.5	
Alternative biomass fuels	TJ	224.4	
Electricity Purchased/Imported	MWh	6,92,162.0	
Energy consumption outside the organisation**	TJ	7,978.0	302-2
Specific Power consumption upto and including clinker prod	kWh/ton clinker	68.6	302-3
Specific Power consumption upto and including cement grinding	kWh/ton cementitious material	76.4	
Specific Power consumption upto and including cement grinding, colony auxillaries	kWh/ton cementitious material	78.4	

* As per WBCSD protocol, alternative fossil fuel comprises of waste oil, waste tyres, plastics, solvents, impregnated saw dust etc

** Considered diesel as fuel consumed in transportation

Energy Consumption - RMX			
Diesel Oil	TJ	63.1	302-1
Electricity purchased	MWh	5,251.4	
Energy consumption outside the organisation*	TJ	795.1	

* Considered diesel as fuel consumed in transportation

Total Direct & Indirect Energy			
Total Power Generation	TJ	6,134.7	302-1
Total Renewable Energy Generation	Million Units	35.5	
% of RE in total power consumption	%	3.5	
Renewable Energy Certificates Purchased	MWh	1,14,565.0	
Power and fuel expenses	₹ Crores	3,134.0	
Thermal energy efficiency	MJ/ton clinker	3,128.5	
Electrical energy efficiency	Kwh/ton cement	79.6	

Waste type				
Hazardous waste				
Waste oil	litres	81,949.0	306-1	
Grease	Tonnes	42.6		
Others (Biomedical waste, e waste, used batteries)	Tonnes	48.7		
Non-hazardous waste				
Steel scrap	tonnes	9,235.9		
Others	tonnes	5,050.8		
Filter bags	no	26,729.0		

Note:

1. Steel Scrap includes castings, waste steel, MS drums, wrapper scrap, iron scrap, grinding balls, HC lining plate, table liner, HC grinding media, etc.
2. Others includes waste cement bags, conveyor belts, wood, copper, plastic bags, electrical cables, empty glass bottles, aluminum, tyres, paper, PVC drums, HDPE wrapper, etc.
3. Above mentioned figures does not include scrap generated from dismantling of old Jamul plant

Indicators	unit	2019	GRI Ref
Total water withdrawal in cement operations			
Surface water	million m ³	2.0	303-1
Harvested rainwater	million m ³	2.5	
municipal water	million m ³	0.0	
Ground water	million m ³	0.2	
Percentage of sites with water recycling	%	100.0	303-3
Total Quantity of Water Treated and Reused Annually	%	17.3	
Total Quantity of Water Treated and Reused Annually	million m ³	0.8	
Total water withdrawal in CPP operation			
Surface water	million m ³	1.3	303-1
Harvested rainwater	million m ³	4.4	
municipal water	million m ³	0.0	
Ground water	million m ³	0.4	
Total water withdrawal - RMX*			
Surface water - RMX	million m ³	0	303-1
Harvested rainwater - RMX	million m ³	0	
Municipal water - RMX	million m ³	0.68	
Ground water - RMX	million m ³	0.33	

*Water withdrawal quantity pertains to those RMX plants where we have operational control.

Employees

Indicator	Unit	2019		GRI Ref
		Female	Male	
Total number of employees and their bifurcation				
Total Own Employees	No.	266	6377	102-8
Management Staff	No.	220	3624	
Non management staff	No.	46	2753	
Third party employees	No.	0	7378	
Total	No.	266	13755	
Age Wise - Own employee Break up				
<30	No.	104	1015	102-8
30-50	No.	135	3704	
>50	No.	27	1658	
Total	No.	266	6377	
Employee turnover - Age wise				
<30	No.	22	117	401-1
30-50	No.	21	313	
>50	No.	6	234	
Total	No.	49	664	
Employee turnover (%)	%	24%	12%	
Employee Hires - Age wise				
<30	No.	34	312	401-1
30-50	No.	0	90	
>50	No.	17	174	
Total	No.	51	576	
Parental Leaves				
No of maternal leave days	No.	180	0	401-3
Women took maternity leave	No.	11		
Women Returned to work after maternal leave	No.	13		
Women still on after maternal leave	No.	2		
Women resigned after / during maternal leave	No.	0		
Annual Performance				
Managers who Received annual performance review	No.	220	3624	404-3
Number of performance reviews carried out	No	220	3624	

Employees				
Indicator	Unit	2019		GRI Ref
		Female	Male	
Training Hours				
For Health and safety	No	432	24894	404-1, 205-2, 403-5,
For IT training	No	24	120	
For Management skills	No	1101	24255	
For Environment & sustainability	No	1	134	
Anti-corruption policies & procedures	No	14	870	
Other Trainings	No	717	30360	
Total hours of training		2288	80633	
No of training hours for management staff	No.	2186	62405	
No of training hours for non management staff	No.	102	18228	
Amount spent of training	₹	1,83,83,150		
Employee Compensation				
Ratio of basic salary of men to women	%	0.84		405-2
Management Staff (Base salary)	INR	9,58,315	7,79,293	
Management Staff (Base salary + bonus etc)	INR	10,25,397	8,33,844	
Non-Management Staff (Base)	INR	4,95,858	4,85,452	

Health & Safety				
Indicator	Unit	2019		GRI Ref
		Female	Male	
Employee Fatalities (Nos.)	Nos	0	0	403-2
Fatality rates (directly employed)	#	0	0	
Contractor Fatalities (onsite)	Nos	0	4	
Contractors Fatalities (off site)	Nos	0	1	
Employee Lost Time Injury (LTI) - Permanent Employees	Nos		7	
Employee Lost Time Injury (LTI) - Contract employees	Nos		8	
Employee Lost Time Injury (LTI) - Total	Nos		15	
Employee Lost Time Injury Frequency Rate (LTIFR) - Permanent employees	#		0.47	
Employee Lost Time Injury Frequency Rate (LTIFR) - Contract employees	#		0.28	
Employee Lost Time Injury Frequency Rate (LTIFR) - Total	#		0.34	
Employee Injury Rate (IR) - Permanent employees	#		0.94	
Employee Injury Rate (IR) - Contract employees	#		0.76	
Employee Injury Rate (IR) - Total	#		0.92	
Employee Lost day rate (LDR) - Permanent employees	Nos		1.81	
Employee Lost day rate (LDR) - Contract employees	Nos		6.50	
Employee Lost day rate (LDR) - Total	Nos		4.83	
Number of Permanent employees undergone risk based health assessment	%	100	100	
Number of Permanent employees undergone risk based health assessment	%	100	100	

Indicators	unit	2019	GRI Ref
Procurement			
Total No of suppliers	no	7,460.0	204-1
Indian suppliers (local)	no	7,435.0	
International suppliers	no	25.0	
% of suppliers identified as "High Risk" (for sustainability criteria aligned with Supplier Code of Conduct)	%	7.0	404-1, 308-1
Number of Suppliers screened through Self Assessment Questionnaire (socials, environmental aspects)	no	522.0	404-1, 308-1
Monetary value of payments made to suppliers	₹ Crores	12,796.0	204-1
Proportion of spending on local suppliers	%	98.3	204-1