

MANGROL LIMESTONE MINES

M/s J. K. Cement Works

Date:

KEY ENVIRONMENTAL PARAMETERS

Quarter Q - 4 (January-March)

1	STATIC INFORMATION (Physical Data)									
1.1	M. L. No.					26 / 08				
1.2	Area					132 Hectare				
1.3	Lease Duration					valid upto 03.05.2062				
1.4	Date of Commissioning					04.05.2012				
1.5	Production Capacity					1.5 MMTPA				
2	DYNAMIC PARAMETER									
2.1	Ambient Air Quality									
Parameters	Permissible Limit	LOCATION (Actual Value)								
		Towards Factory Gate		Near Ravana Office		3 to 10 Meter Distance From Drilling Operation (SPM Limit- 600 µg/m3)		Near loading point		
		Max	Min	Max	Min	Max	Min	Max	Min	
SPM	500	NA	NA	NA	NA	458.0	445.0	399.0	383.0	
PM 10	100	57.2	50.1	77.0	58.7	NA	NA	NA	NA	
PM 2.5	60	46.3	34.8	54.5	44.2	NA	NA	NA	NA	
NOx	80	25.3	21.1	28.3	17.4	27.4	24.3	28.5	22.4	
2.2	Vibration due to Blasting (max Value of the Quarter)									
	Peak particle velocity at 300 mtr is 3.06 mm/sec.									
2.3	Quality of Discharge Water									
	No water discharge from mines									
2.4	Greenbelt / Plantation (Within Lease Area)									
Year	2019-20					Cummulative (2010 - 19) upto 31st March 2018				
No. of Tree Planted within lease	1233					6450				
Area (hect.) under Plantation	0.8					4.2				