

MANGROL LIMESTONE MINES

M/s J. K. Cement Works

Date: 06.01.2020

KEY ENVIRONMENTAL PARAMETERS
Quarter Q - 3 (October'19 to December' 19)

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)							
		Near Mines Office		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	422.0
PM 10	100	54.2	42.7	70.2	65.5	NA	NA	NA	NA
PM 2.5	60	41.3	32.3	51.0	50.0	NA	NA	NA	NA
NOx	80	26.4	21.9	25.0	22.4	26.5	23.5	28.7	20.0
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 3.73 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation (Within Lease Area)								
Year	2019-20				Cummulative upto 31st March 2018				
No. of Tree Planted within lease	1233				6450				
Area (hect.) under Plantation	0.8				4.2				