

MANGROL - TILAKHERA 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.	7/97							
1.2	Area	299.20 Hectare							
1.3	Lease Duration	Valid upto 31.03.2030							
1.4	Date of Commissioning	09.05.1978							
1.5	Production Capacity	1.6 MMTPA							
2	DYNAMIC PARAMETER								
2.1	Ambient Air Quality								
Parameters	Permissible Limit	LOCATION (Actual Value)							
		Near Mine Office		Near Ravana Office		3 to10 Meter Distance		Near loading	
		Max	Min	Max	Min	Max	Min	Max	Min
	SPM	500	NA	NA	NA	NA	417.0	396.0	370.0
PM 10	100	43.5	40.7	58.2	55.2	NA	NA	NA	NA
PM 2.5	60	33.1	32.4	47.3	46.1	NA	NA	NA	NA
NOx	80	24.4	20.5	24.0	23.1	28.5	24.7	27.8	26.2
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 4.749 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation								
Year	2019-20				Cummulative upto 31st March 2018				
No. of Tree Planted within lease	1890				42035				
Area (hect.) under Plantation	0.95				15.11				