

MANGROL - TILAKHERA LIMESTONE MINES**M/s J. K. Cement Works**

Date: 05/01/2021

KEY ENVIRONMENTAL PARAMETERS
Quarter Q - 3 (October-December'2020)

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 point	
		Max	Min	Max	Min	Max	Min	Max	Min
SPM	500	NA	NA	NA	NA	442.0	381.0	390.0	371.0
PM 10	100	66.2	43.3	77.5	50.4	NA	NA	NA	NA
PM 2.5	60	42.2	31.6	49.0	39.3	NA	NA	NA	NA
NOx	80	25.7	21.4	25.2	22.7	27.4	22.9	28.7	23.7
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 2.629 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation								
Year	FY 2020-21				Cummulative (2005 -19) upto 31st March 2020				
No. of Tree Planted within lease	2000				42385				
Area (hect.) under Plantation	1.1				15.21				