

NIMBAHERA - AHIRPURA & MURLIA BLOCK LIMESTONE MINES

M/s J. K. Cement Works

Date: 06/07/2021

KEY ENVIRONMENTAL PARAMETERS
Quarter Q - 1 (April 2021-June'2021)

1	STATIC INFORMATION (Physical Data)								
1.1	M. L. No.				2/97				
1.2	Area				403.1875				
1.3	Lease Duration				Valid upto 31.03.2030				
1.4	Date of Commissioning				23.02.1968				
1.5	Production Capacity				2.0 MMTPA				
2	DYNAMIC PARAMETER								
2.1	Ambient Air Quality								
Parameters	Permissible Limit	AHIRPURA BLOCK- LOCATION (Actual Value)							
		Near Mine Office				NearMine water Pump house			
		Max		Min		Max		Min	
	SPM	500	NA		NA		NA		NA
PM 10	100	55.9		48.5		62.7		52.3	
PM-2.5	60	36.5		32.6		42.0		36.4	
NOx	80	25.1		19.8		25.0		20.3	
Parameters	Permissible Limit	MURLIA BLOCK- LOCATION (Actual Value)							
		Near Mine Office		Near Ravana Office		3 to10 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	428	415	424
PM 10	100	55.4	46.2	62.0	59.0	NA	NA	NA	NA
PM-2.5	60	39.2	34.2	40.5	31.7	NA	NA	NA	NA
NOx	80	35.8	22.2	34.4	24.4	28.2	23.5	25.9	22.4
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 3.97 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation (Within Lease Area)								
Year		FY 2021-22			Cumulative (2005 - 21) upto March 2021				
No. of Tree Planted within		0			120050				
Area (hect.) under		0			48.02				
Greenbelt / Plantation (Outside Lease Area)									
Year		FY 2021-22			Cumulative (2005 - 21) upto March 2021				
No. of Tree Planted within		0			31765				
Area (hect.) under		0			16.45				