

NIMBAHERA - AHIRPURA & MURLIA BLOCK 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.					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				Near Ravana Office				
		Max		Min		Max		Min		
	SPM	500	NA		NA		NA		NA	
PM 10	100	52.8		40.3		73.6		44.6		
PM-2.5	60	37.9		29.5		42.8		33.6		
NOx	80	25.0		20.3		25.2		24.4		
Parameters	Permissible Limit	MURLIA BLOCK- 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	418	343	376	364
PM 10	100	59.6	46.5	73.4	55.8	NA	NA	NA	NA	
PM-2.5	60	41.7	35.0	53.0	42.7	NA	NA	NA	NA	
NOx	80	27.8	23.8	28.7	22.9	28.2	23.5	25.9	22.4	
2.2	Vibration due to Blasting (max Value of the Quarter)									
	Peak particle velocity at 350 mtr is 2.91 mm/sec.									
2.3	Quality of Discharge Water									
	No water discharge from mines									
2.4	Greenbelt / Plantation (Within Lease Area)									
Year	FY 2020-21				Cummulative (2005 - 19) upto 31st March 2020					
No. of Tree Planted within lease	1500				145483					
Area (hect.) under Plantation	0.67				47.98					